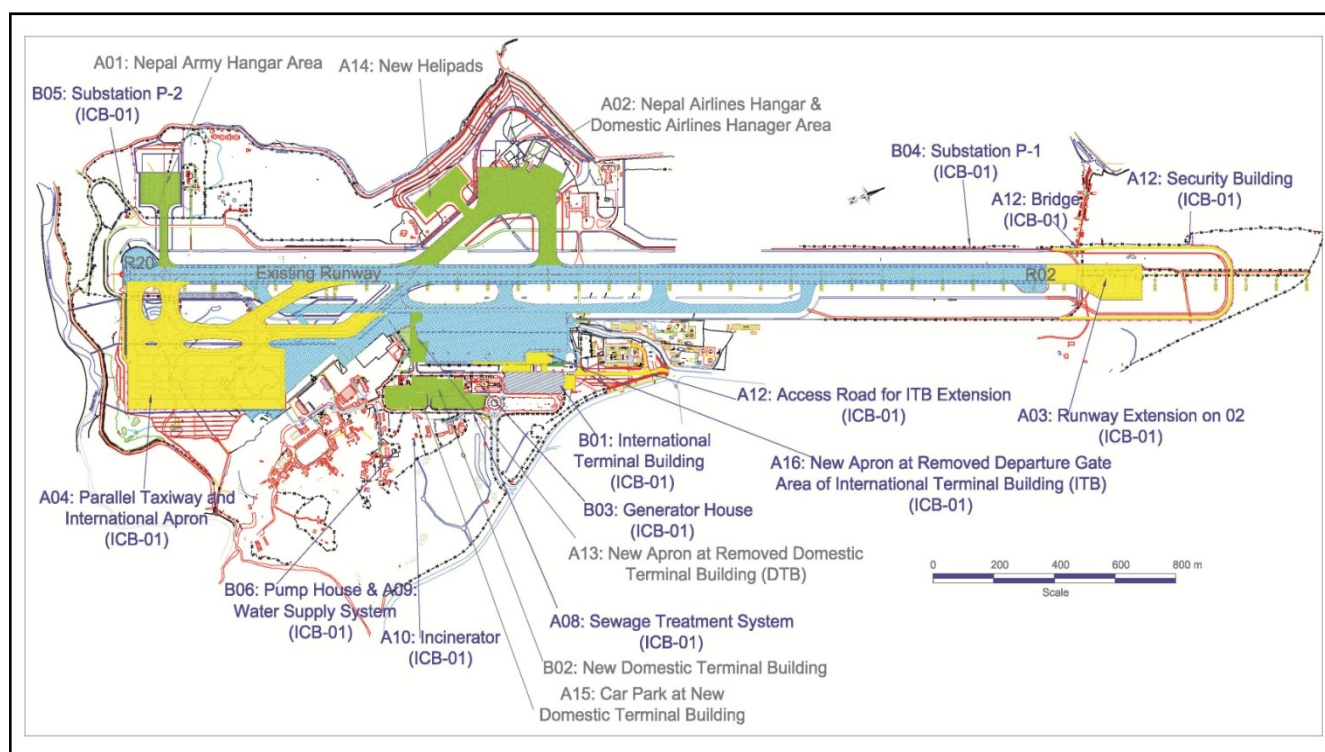


Civil Aviation Authority of Nepal
Tribhuvan International Airport Improvement Project-Project Directorate
(TIAIP-PD)

AIR TRANSPORT CAPACITY ENHANCEMENT PROJECT
(ATCEP)

ADB Loan No 2581-NEP (SF) & Grant No 0181-NEP (SF)



Quarterly Progress Report
(Second Quarter, April to June, 2014)

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Quarterly report is prepared in accordance with ADB's Pro Forma for the Executing Agency's Project Progress Report. The report that will be included in the eOps of ADB.

Abbreviations

ADB	Asian Development Bank
A-PAPI	Abbreviated Precision Approach Path Indicator
ATCEP	Air Transport Capacity Enhancement Project
ATC	Air Traffic Control
AWOS	Automated Airport Weather Observation System
CAAN	Civil Aviation Authority of Nepal
CCTV	Closed Circuit Television
CNS/ATM	Communication Navigation Surveillance/Air Traffic Management
CWP	Controller Working Position
DDCS	Detail Design and Construction Supervision
DLP	Defects Rectification Period
DMF	Design and Monitoring Framework
DNP	Defects Notification Period
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
FAT	Factory Acceptance Test
FT	Factory Test
GESI	Gender Equality and Social Inclusion
GoN	Government of Nepal
ICAO	International Civil Aviation Organization
ICB	International Competitive Bidding
IEE	Initial Environmental Examination
ILS	Instrument Landing System
ITB	International Terminal Building
MET	Meteorology
PAM	Project Administration Manual
PCU	Project Coordination Unit
PDMF	Project Design Monitoring Framework
PIU	Project Implementation Unit
PPMS	Project Performance Monitoring System
PQ	Pre-qualification
RESA	Runway End Safety Area
REL	Runway End Light
RFF	Rescue Fire Fighting
RTIL	Runway Threshold Identification Light
RRP	Report and Recommendation of the President to the Board of Directors
ToR	Terms of Reference
TIA	Tribhuvan International Airport
TIACAO	Tribhuvan International Airport Civil Aviation Office
TIAIP-PD	Tribhuvan International Airport Improvement Project-Project Directorate
VAGS	Visual Alignment Guidance System
VCCS	Voice Communication Control System
VHF	Very High Frequency

Executive Summary

Air Transport Enhancement Project, referred to as ATCEP (or project) is a succession of ADB's long standing assistance to air transport development and improvement in Nepal. The project purpose is to: enhance safety and capacity at Tribhuvan International Airport and provide basic safety improvement at three remote domestic airports at Lukla, Rara and Simikot; and to contribute to improved institutional capacity of Civil Aviation Authority of Nepal.

The project will entail reconfiguration and upgrading of TIA's airside and landside infrastructure comprising construction of some 1,400 meters of new parallel taxiway and link taxiways, 300 meters of runway extension and construction of runway end safety area, new international apron (about 80,000 m²), CAT I precision approach light; expansion and reconfiguration of international terminal building and an uninterrupted power supply system for essential airfield and security area lights. The safety improvement at TIA will be enhanced through upgrading of CNS/ATM equipment including ATC automation and rescue and fire fighting system (to Category 9). Basic safety improvement will be provided at three remote domestic airports, which include a visual approach guidance system and abbreviated precision approach path indicator at Lukla airport, and runway threshold identification and runway end lights, air traffic control equipment, and meteorological equipment at Simikot and Rara airports.

The project will also support to improve overall sector management by implementing a 3-year capacity development program for the Civil Aviation Authority of Nepal (CAAN). Accordingly, CAAN's organizational and management capacity will be strengthened by updating the existing regulations, developing a strategy to adapt the regulatory framework based on international standards, improving human resources development, upgrading the financial and management information system, implementing a systematic maintenance program, and identifying viable opportunities for private sector participation for future airport infrastructure development and maintenance. This will help to develop proposal for restructuring of CAAN into separate entities of regulator and service provider.

The project cost is US\$ 92 million jointly funded by US\$ 80 million loan/grant of ADB and US\$ 12 million of GoN. The infrastructure and equipment under investment cost are the major elements comprising 80 percent of the total project cost. Combining both loan and grant cumulative contracts awards are 90.98%. The contracts include consulting services for detail design and construction supervision and capacity development of CAAN and infrastructure work (ICB-01) and CNS and ATM equipment (ICB-02), all procured by international competitive bidding. The project will be implemented over about 67 months since start in December 6, 2010.

The overall progress of the project is 38.66%. The progress of contract packages are 8.82% (ICB-01: Airside Infrastructure Development and Landside Terminal Improvement at TIA, Simikot and Rara Airports) and 100% (ICB-02: Supply and Installation of CNS and ATM Equipment at TIA and Lukla Airport). The ICB-02 contract is under Defects Liability Period (March 17, 2014 to September 8, 2015). The progress of ICB-01 contract is very slow and therefore unsatisfactory. The progress of consulting services is 51.21% for Detail Design and Construction Supervision, while it is 74% for Capacity Development of CAAN.

Some delays were occurred in design and procurements of works due to cost of original project scope exceeding the available budgets, which required rounds of options study and modifications of design and bidding documents to optimize scope of project works for implementation and consequently more time was required in approvals by CAAN and ADB. However, bidding procedures were streamlined with approvals in faster manner, which enabled to recover some of the lost time. Furthermore, extension of original loan closing date by 12 months (i.e. till June 30, 2016), enabled to offset delay impact to project implementation. At the current state of project implementation, except slow progress of ICB-01 there are not any major issues and problems affecting the progress of implementation of the Project. The Contractor is making effort to enhance progress of ICB-01 contract. Accordingly, the Contractor has produced an Action Plan of Major Works to achieve 30% cash flow progress by December, 2014. The target progress will be achievable only with substantial filling work of A04. This achievement will be very crucial to catch up delays and to enable completion of ICB-01 contract within the contract period – March 16, 2016.

A. Introduction and Basic Data

A1 Introduction

Air Transport Capacity Enhancement Project will provide improvement to safety and capacity at Tribhuvan International Airport (TIA) in Kathmandu and Lukla, three remote domestic airports-Rara and Simikot; and support to institutional capacity improvement of CAAN. The physical and operational capacity of TIA will be enhanced by reconfiguration and upgrading of TIA's (i) airfield side infrastructure to international safety standards comprising construction of about 1,400 meters of new parallel taxiway and link taxiways, 300 meters of runway extension and construction of runway end safety area, new international apron (about 80,000 m²), and an uninterrupted power supply system for essential airfield and security area lights and (ii) expansion and reconfiguration of international terminal building and improvement of utility facilities. Similarly, the safety improvement at TIA will be enhanced through upgrading and provision of CNS and ATM equipment including ATC automation and upgrading of rescue and fire fighting system (to Category 9). At above domestic airports the basic safety improvement will be provided, comprising visual approach guidance system and abbreviated precision approach path indicator at Lukla airport, and runway threshold identification and end lights, ATC and meteorological equipment at Simikot and Rara airports.

Another important aspect of the project is to provide support to improve overall sector management by implementing a 3-year capacity development program for Civil Aviation Authority of Nepal (CAAN). Accordingly, CAAN's organizational and management capacity will be strengthened by updating the existing regulations, developing a strategy to adapt the regulatory framework based on international standards, improving human resources development, upgrading the financial and management information system, implementing a systematic maintenance program, and identifying viable opportunities for future participation of private sector in airport infrastructure development. It will help to develop proposal for restructuring of CAAN into separate entities of regulator and service provider.

A2 Basic Data

S.N.	Particulars	Description
1	Project Details	
1.1	ADB Loan No/Grant No	2581-NEP (SF)/0181-NEP (SF)
1.2	Project Title	Air Transport Capacity Enhancement Project
1.3	Borrower	Government of Nepal (GoN)
1.4	Executing Agency	Civil Aviation Authority of Nepal
1.5	Implementing Agency	Tribhuvan International Airport Improvement Project, Project Directorate
2	Dates of ADB Loan	
2.1	Date of Approval	23 November, 2009
2.2	Date of Signing	25 May, 2010
2.3	Date of Loan Effectiveness	6 December, 2010
3	Dates for ADB Loan Closing	
3.1	Original Closing Date	30 June, 2015
3.2	Revised Closing Date	30 June, 2016
3.3	Elapsed Loan Period based on	
	-Original Closing date	78.09%
	-Revised Closing date	64.06%
4	Dates of ADB Review Mission	
4.1	Date of Last Mission	28 April to 01 May, 2014
5	Status of PPMS	Established

A3 Details of Estimated Project Cost and Financing Plan

The estimated project cost is US\$ 92 million equivalent, including physical and price contingencies and financing charges during implementation. The breakdowns of cost estimates and financing plan are as shown in Table 1.

Table 1: Detailed Cost Estimates and Financing Plan (US\$ million)

Item	Total Cost	ADB Loan	ADB Grant	ADB Total	Government Total
A. Investment Costs^{a,b}					
1. Civil Works	59.22	51.36	0.00	51.36	7.86
2. Equipment	5.83	4.85	0.21	5.06	0.77
3. Consultants	12.77	0.23	9.69	9.92	2.85
Sub-total (A)	77.82	56.44	9.90	66.34	11.48
B. Recurrent Costs					
1. Project Management ^c	0.72	0.10	0.10	0.20	0.52
Sub-total (B)	0.72	0.10	0.10	0.20	0.52
C. Contingencies					
1. Physical Contingencies ^d	7.07	7.07	0.00	7.07	0.00
2. Price Contingencies ^e	4.65	4.65	0.00	4.65	0.00
Sub-total (C)	11.72	11.72	0.00	11.72	0.00
D. Financing Charges During Implementation					
1. Interest During Implementation ^f	1.74	1.74	0.00	1.74	0.00
Sub-total (D)	1.74	1.74	0.00	1.74	0.00
Total Project Cost (A+B+C+D)	92.00	70.00	10.00	80.00	12.00

^a In mid-2009 prices based on preliminary design

^b Inclusive of local taxes and duties computed at 13% for civil works contract values, consultant services, and equipment, and 25% for foreign consultant remuneration. ADB will pay 100% of consulting services excluding taxes.

^c Incremental administrative expenditures, including bank charges related to imprest accounts.

^d Computed at 10% for civil works and equipment, and consulting services contract values.

^e Computed at 2.5% for foreign currency costs, and 10% for local currency costs.

^f At 1.0% per annum during the implementation period of 5 years

Source: Asian Development Bank.

Availability of Counterpart Funds and Co Financing: The counterpart funds from GoN and ADB have been relocated and reflected in the yearly budgets since FY 2067/68 (i.e. 2010/11). As per the Project Agreement between GoN and ADB, in line with the loan covenant, GoN is required to provide thirteen (13) percent cost as the counterpart fund. There is no co-financing for the project.

Date of Last ADB Review Mission:

Project Review and Hand Over Mission (April 28 to May 1, 2014)

The visit of this Mission also included review of ATCEP. The Mission expressed strong concern on the slow progress of ICB-01 contract. Despite the revised work program recently submitted by the Contractor and constant monitoring of the Consultant the Mission envisaged necessity of night time work for the Contractor to accelerate the progress and recover the time loss. In case of ICB-02 contract, physical progress of 100% was recorded. The Mission also took this opportunity to introduce new ADB project team leader for ATCEP.

Project Review Mission (February 24 to 28, 2014)

ADB Mission made a visit (from February 24 to 28, 2014) to conduct a project review and to get updated on the current status of the project and discussed the issues affecting the progress of the project. Of two contracts, the physical progress of ICB-01 was found significantly behind the schedule. The Contractor was instructed to revise the work program, with assistance of the Consultant (DDCS), and submit to the CAAN by March 2014 taking into consideration the lost time while maintaining the start and completion dates of the contract. The progress of ICB-02 was very close to the schedule. The Mission was informed of the need for additional frequency at Nepalgunj RCAG to meet the ICAO requirements. Mission advised the CAAN to send request to ADB for additional fund within the project by March 2014. Implementation of the capacity development component has been smooth and deemed satisfactory.

CAAN made an urgent request to the Mission for ADB to finance improvement of the existing runway and taxiways pavement based on study conducted under the scope of ICB-01. The estimated cost for this pavement improvement is US\$ 28 million. Since this was not in the original scope of project and the required cost is considerably higher than project's unallocated amount and saving, Mission advised the CAAN to propose to Ministry of Finance that this rehabilitation is carried out in Air Transport Capacity Enhancement Project II, which is currently planned for 2016 under ADB's country program. CAAN may consider requesting ADB to advance action for pavement improvement work and start its implementation in 2015 and provision for consulting services for supervision of this work.

Project Review Mission (June 15 to 20, 2011)

The first visit of ADB Mission was from June 15 to 20, 2011 to conduct project inception for the project. The Mission reviewed and confirmed the status of implementation activities and arrangements. A Project Administration Manual (PAM) was prepared, discussed and agreed with CAAN. In order to make up initial loss in overall implementation schedule caused due to delay in recruitment of detail design and supervision consultant, CAAN and Mission agreed on a 12 – month procurement action plan based on revised schedule projection. Similarly, the Mission, CAAN and the Consultant confirmed the scope of the detail engineering design in keeping with the targeted improvement identified during the project processing stage and proposed modifications by CAAN for consideration. In support of agreed procurement action plan, a timeframe was agreed to streamline the consultant's activities and outputs. CAAN and Mission agreed to combine air side infrastructure and landside terminal works in one bid package likely to enhance potential interests by qualified international contractors and offer cost saving opportunity. CAAN and Mission agreed to expedite selection of consultant for capacity development of CAAN.

B. Utilization of Funds (ADB Loan and Counterpart Funds)

B1. Cumulative Contract Awards

The cumulative contract awards of consulting services and goods/works in the project are summarized in Table 2. The procurement of all contracts has been accomplished in the project.

Table 2: Cumulative Contract Awards

S.N.	Description	Date of Contract Agreement	Total Cost (US\$)	Cumulative Contract Awards (US\$ Million)				
				ADB Loan	ADB Grant	GON Counterpart Fund	Cumulative Amount	Cumulative Percentage
I.	Consulting Services		11.50		10.00	1.50		
1.1	Detail Design & Construction Supervision (PCSS# 605903)	March 9, 2011			5.18	0.67	5.85	
1.2	Capacity Development of CAAN (PCSS# 60718)	December 22, 2011			4.28	0.56	4.84	
	Sub-total (I)		11.50		9.46	1.23	10.69	92.95
II.	Goods/Works		80.50	70.00		10.50		
2.1	ICB-02, Supply and Installation of CNS and ATM Equipment at TIA & Lukla Airport (0001)	August 1, 2012		3.08		0.40	3.48	
2.2	ICB-01, Airside Infrastructure & Landside Terminal Improvement at TIA, Simikot & Rara Airports (0002)	December 21, 2012		61.11		7.94	69.05	
	Sub-total (II)		80.50	64.19		8.34	72.53	90.10

B2. Disbursement Status

All the contracts are under implementation in the project. Disbursements to the consultants are for their services to the project. The expenditures for goods/works contracts were for advance payment and interim payment certificates to the respective contractors. The advance payment include full 20 (twenty) percent to ICB-01 contractor and 20 (twenty) percent to ICB-02 contractor on equipment part. In the reporting period there were two disbursements to ICB-01 contract and one to ICB-02 contract. Table 3 shows status of disbursements of project.

Table 3: Status of Disbursements

S.N.	Description	Total Cost (US\$)	Cumulative Disbursement (US\$ Million)				
			ADB Loan	ADB Grant	GON Counterpart Fund	Cumulative Amount	Cumulative Percentage
I.	Consulting Services	11.50		10.00	1.50		
1.1	Detail Design & Construction Supervision (PCSS# 605903)			3.02	0.45	3.47	
1.2	Capacity Development of CAAN (PCSS# 60718)			2.13	0.32	2.45	

	Sub-total (I)	11.50		5.15	0.77	5.92	51.50
II.	Goods/Works	80.50	70.00		10.50		
2.1	ICB-02, Supply and Installation of CNS and ATM Equipment at TIA & Lukla Airport (0001)		3.03		0.45	3.48	
2.2	ICB-01, Airside Infrastructure & Landside Terminal Improvement at TIA, Simikot & Rara Airports (0002)		14.51		2.18	16.69	
	Sub-total (II)	80.50	17.54		2.63	20.17	25.06

B3. Re-estimation of Costs to Completion, Relocation and Project Cost Overrun

So far five change orders (i.e. variation orders) have been applied to ICB-02, which will cause cumulative increase of the contract price by US\$ 416,454.03. These variations were considered eminent by CAAN to strengthen equipment reliability at TIA to increase Controller Working Positions (CWPs) for sector flight control jurisdictions in terminal areas and flight information regions and to strengthen Remotely Controlled Air Ground (RCAG) VHF station at Nepalgunj that provides area control over entire sector 83° West of Nepal. The contract price of ICB-02 will be revised to US\$ 3.895 million. However, this is still within the allocation cost of the ADB loan category.

In case of contract ICB-01, relocation within ADB loan categories is envisaged with consideration of contract price above the allocation cost. In case of ICB-01, it is too early to make any forecast variation and re-estimation of costs to completion.

Project Data Sheet appended as Attachment-1 and table on Status of Loan/Grant Utilization in Attachment-2 supplement further information to sections A and B of this report.

C. Project Purpose

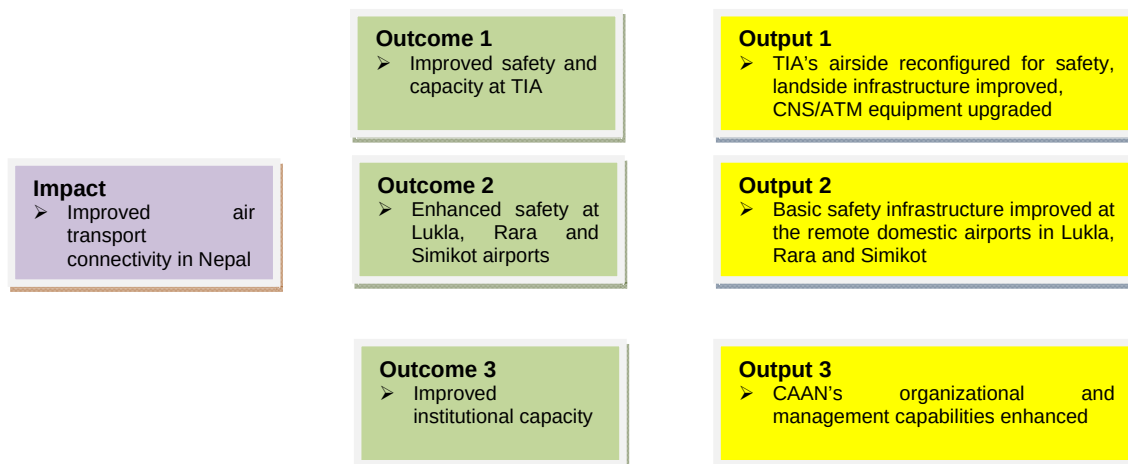
ATCEP has two fold purposes – (a) to enhance safety and capacity at TIA in Kathmandu and three remote domestic airports – Lukla, Rara and Simikot and (b) to contribute to improved institutional capacity of CAAN.

In general, the status of project scope/implementation arrangements is consistent with those in the RRP and few modification in project scope taken at inception stage were mainly to address the changes in requirements since project processing in 2009 and initial delays in project implementation. Notably, the changes were in CNS and ATM equipment to include ATC automation (due to urgent necessity of electronic flight strips and integrated tower information system to cope-up with heavy traffic load) and exclusion of AWOS and CCTV (as these were already installed by TIACAO) and ILS localizer (due to proposed implementation of satellite-based self-contained approach RNP/AR). Apart from this, few other airside infrastructure changes were made in the project scope to include (i) removal of existing domestic terminal building and constructing an extra parking apron for international aircraft, (ii) removal of existing departure gate area after expansion of international terminal building, and (iii) new helipad, which were relevant with consideration to better interface of facilities. All airside and landside infrastructures as per original project scope and including above additional infrastructures were designed and optimally compared with consideration to availability of funding. However, the funding was not adequate even to undertake the original scope of project work; hence options were prepared and compared to select the optimum scope of work for implementation. Major infrastructure exclusion from original scope included new domestic terminal building (due to consideration of CAAN to use existing domestic terminal building with certain refurbishment and expansion), Nepal Army and Nepal Airlines and Domestic Hangars areas development.

As per Project Design and Monitoring Framework (PDMF) of PAM and subject to above change in project scope, the impact, outcome and outputs of the project are summarized as below:

- **Impact** will be improved transport connectivity promoting broad-based economic growth, which will be in support of the country strategy and program.
- **Outcome** indicators will be (i) safety standard is enhanced in accordance with the best international practices at TIA including runway-parallel taxiway safety separation distance of 182.5 m, international apron meets safety separation needs, runway strip is clear of obstacles, CAT I approach lights are operational, airport emergency service improves from RFF Cat 8 to 9;

(ii) VAGS and A-PAPI are operational at Lukla airport and RTIL, REL and ATC and MET equipment are operational at Simikot and Rara airports; and (iii) CAAN is reorganized and staffed and staff policy and training program are implemented.



- **Outputs** will include the completion of project targets – (i) for TIA: airside infrastructure reconfigured to meet the international safety standards, landside infrastructure rehabilitated and improved for larger capacity, and the CNS/ATM equipment upgraded; (ii) for remote domestic airports at Lukla, Rara and Simikot: basic safety infrastructure improved; and (iii) for CAAN: organizational and management capabilities enhanced.

Further details of above are provided in Attachment-3 (Project Results Profile). Attachment-3 (Supplementary) is included for project results of component on Capacity Development of CAAN.

The key assumptions in the PDMF are suitable and important to achieve the proposed outcome and outputs of the project. These are unlikely to change, thus affect to achieve the development objectives of the project is not foreseen. With domestic security situation improving, the risk to improved air connectivity within the country will tend to diminish. The matrix of project performance monitoring is shown in Table 4.

Virtually there is no social impact of the project, because there will not be any requirement of land acquisition and resettlement as all improvement works will be done within the boundary of the airports and no impact on indigenous people. The environmental impacts/effects, if any will be related to construction activities and thus short term in nature. EMP implementation is closely monitored to ensure that environmental impact mitigation measures are effectively undertaken in the project construction. Social and Environmental Safeguard Matrix and GESI Action Plan (Attachments 4a, 4b and 4c) are included as supporting details.

D. Implementation Progress

D1. Project Implementation Organizations

CAAN has established the project implementation organizations comprising of the Project Coordination Unit (PCU) and two Project Implementation Units (i.e. PIU-Infrastructure and PIU-Capacity Development) for the implementation of the project. They are fully staffed and equipped and functioning as per the requirements of the Project (Annex-A). Proper coordination and linkages are maintained as per EA's international operations to ensure proper implementation arrangements and project progress.

D2. Progress in Implementation

The cumulative progress of various components of project is as follows:

- Consulting Services
 - Design and Construction Supervision : 52.29%
 - Capacity Development of CAAN : 74%

Table 4: Matrix of Project Performance Monitoring

Indicators	Performance Targets	Status of December 2011	Status of December 2012	Status as of March 2014
Outcome 1: Improved safety and capacity at TIA.				
1. By project completion, safety standard is enhanced in accordance with best international practices, including : (i) Runway and Parallel Taxiway meet safe operation distance of 182.5 m; (ii) International Apron meets safety separation requirements; (iii) CAT I precision approach lights are rehabilitated and operational for Runway 02 and simple approach lights are operational for Runway 20; (iv) airport emergency service improves from ICAO's Rescue Fire Fighting Category 8 to 9 and (v) .	By project completion: Targeted airside improvements are completed, including (i) approximately 700 m of new taxiways and 700 m of link taxiways, (ii) RESA for runway 02 and 300 m of runway extension, (vii) approximately 80,000 sq m of new international apron, and (iv) CAT I approach lights for RWY 02 and simple approach lighting for RWY 20, (v) 800 kVA generator and uninterrupted power supply system as secondary power supply for all essential airfield and security area lights, (vi) improvement to Rescue and Fire Fighting (vii) new CNS/ATM equipment. Targeted landside improvements are completed with refurbishment and expansion of existing international terminal. TIA's annual passenger handling capacity is increased from 1.8 to 2.9 mppa (international) and from 1.0 to 1.5 mppa (domestic)	Achievement: Status: On the right track Comment: Preparation of Design and Bid Documents International: 2.7 mppa; Domestic: 1.64 mppa	Achievement: Status: On the right track Comment: Both ICB-01 & ICB-02 contracts awarded, ICB-02 contract commenced International: 2.9 mppa; Domestic : 1.75 mppa	Achievement: ICB-01: 8.82%; Status: On the right track Comment: ICB-01 Construction works continuing but very slow progress and well behind schedule. Achievement: ICB-02: 100%; Status: Met Completion of supply and installation CNS/ATM equipment at TIA. All equipments have commissioned. The contract is under DLP Achievement: 100% Status: Met Comment: Natural growth, however the infrastructure improvement and development will augment safety and facilitate better passenger handling capacity of TIA.

Outcome 2: Enhanced safety at the remote domestic airports at Lukla, Rara and Simikot Airports.				
2. Basic safety infrastructure improved at the remote domestic airports at Lukla, Rara and Simikot	Targeted Visual alignment guidance system (VAGS) and abbreviated precision approach path indicator (A-PAPI) are operational at Lukla Airport; and RTIL, REL and ATC and MET and snow plough equipment are operational at Simikot and Rara airports.	Achievement: Status: On the right track Comment: Preparation of Design and Bid Documents	Achievement: Status: On the right track Comment: Both ICB-01 & ICB-02 contracts awarded	Achievement: ICB-02: 100% (for Lukla) Status: Met Comment: VAGS and A-PAPI supply and installation and commissioning completed at Lukla and under DLP.
Outcome 3: Improved institutional Capacity of CAAN				
3. CAAN's organizational and management capabilities enhanced	Targeted capacity enhancements are achieved including: (i) civil aviation regulations based on ICAO's standards, (ii) strategy for separation of regulatory and service functions with legal framework and implementation plan, (iii) national air transport development plan and corporate business plan, (iv) human resources development plan with staff training policy and program, (v) accounting software system, (vi) financial and management information system, and (vii) due diligence studies for private sector participation.	Achievement: Status: On the right track Comment: Procurement of consulting services	Achievement: 30% Status: On the right track Comment: Review legal and institutional framework, staff training program analysis, analysis of current airspace and CNS/ATM, air traffic demand forecast, national transport plan etc.	Achievement: 74% Status: On the right track Comment: Components on Private Sector Participation (2C), Enhancing Non-aeronautical Revenues (2D) and Planning (2A) are complete, whereas Restructuring (3), HRD (4), Computerization (5) and MIS (6) are in different level of progress. Under Component 1 (Legal) preparation of new integrated act, civil aviation regulation is in advanced stage.

Legend for Status: Met/Partly Met/Not Met/On the right track

- Goods and Works Contracts
 - Contract Package ICB-01 : 8.82%
 - Contract Package ICB-02 : 100%

The overall progress of all the components of the project is 38.66%.

D3. Assessment of Progress of Each Project Component

Recruitment of Consultants: Both consulting services – Detail Design and Construction Supervision and Capacity Development of CAAN have been procured and under implementation in the project (Table 5 and further details in Attachment-5a).

Table 5: Consulting Services of ATCEP

S.N.	Consulting Services	Consultant	Date of Contract Agreement	Date of Mobilization	Duration of Services
1	Detail Design and Construction Supervision	Japan Airport Consultants, Inc, Japan in association with GEOCE Consultants (P) Ltd	March 09, 2011	April 29, 2011	60 months
2	Capacity Development of CAAN	INECO-Prointec-ERMC	December 22, 2011	March 6, 2012	36 months

Procurement of Goods and Works: The ICB contracts for the project works were procured and on-going implementation in the project (Table 6 and further details in Attachment-5b).

Table 6: Works and Equipment Contracts of ATCEP

S.N.	Goods and Works	Contractor	Date of Contract Agreement	Commencement Date	Duration of Contract
1	ICB- 01: Airside Infrastructure Development and Landside Terminal Improvement at TIA, Simikot and Rara Airports	Constructora Sanjose S.A., Spain	December 21, 2012	March 17, 2013	36 months +(DNP, 12 months)
2	ICB- 02: Supply and Installation of CNS and ATM Equipment at TIA and Lukla Airport	EMTE Sistemas S.A.U., Spain	August 1, 2012	September 17, 2012	15 months +(DLP, 18 months)

Progress of Consulting Services: (i) Detail Design and Construction Supervision. The design and procurement of contracts were completed in December, 2013. The construction supervision of ICB-02 and ICB-01 contracts was started from September, 2012 and March 2013. **(ii) Capacity Development of CAAN Project.** Components on Private Sector Participation (2C), Enhancing Non-aeronautical Revenues (2D) and Planning (2A) are complete, whereas Restructuring (3), HRD (4), Computerization (5) and MIS (6) are in different level of progress. Under Component 1 (Legal) preparation of new integrated act, civil aviation regulation is in advanced stage. Summary of key activities and progress of the consulting service is provided in Attachment - 6a, whereas project results of Capacity Development of CAAN are summarized in Attachment-3 (Supplementary).

Progress of Contracts: (i) Contract Package ICB-01: The contractor is continuing with construction works mostly in A04 (Parallel Taxiway and International Apron), A03 (Runway Extension) and A12-8 (under A12 - Ancillary Work), B01 (International Terminal Building, expansion). But progress of work is very slow (cumulative physical progress is only 8.82% at the end of June, 2014) and behind the approved work program of the Contractor (summary revised Master Work Schedule (V02) is shown in Annex-B). Delay in progress of work has been caused due to various reasons of the Contractor including lack of adequate planning and programming of work execution, lack initiative to time loss recovery, full dependence on the sub-contractors for execution of work, inability of sub-contractors to follow work program, lack proper control and management of sub-contractors, poor site control, weak construction management, supply delays of materials, inadequate labors, lack of experienced site engineers, lack capable mid level skills, weak communication with site, weak inspection and monitoring, etc. The Contractor has had been asked to correct its internal weaknesses and problems

and shortcomings that are causing delays and affecting the progress of work; improve planning, material procurement/supply and site work execution; employ more experienced engineers for better supervision of work at sites; manage and control suppliers and subcontractors to get required work progress and outputs.

Both CAAN and ADB have raised serious concerns with the Contractor for slow and unsatisfactory work progress of the contract. Joint meetings were conducted on May 5 and June 10, 2014 among CAAN, ADB, Engineer and Contractor to assess situation of ICB-01. During meeting held on June 10, 2014 at ADB, Nepal Resident Mission the Contractor submitted Action Plan of the Main Activities to enable 30% cash flow progress by December 2014. This has been taken as milestone set by the Contractor to enhance progress while catching delays. The Contractor has promised to improve contract management needed to accelerate the work progress. This will be constantly monitored.

(ii) Contract Package ICB-02: The contract is under Defects Liability Period since March 17, 2014. The work schedule of this contract is shown in Annex-B. In Quarter 2 (April-May, 2014), it was planned to issue Completion Certificates of equipment to the Contractor and hand over CNS/ATM equipment to the Employer. Accordingly, the Completion Certificates were issued to the Contractor, however, handover of equipment was delayed awaiting full fledged operation of equipment. Performance monitoring of equipment operation is continuing.

Overall position of on-going contract packages is shown in Attachment-6b.

D4. Status on Agreed Plan of Last Review Mission

The last review of ATCEP was carried out during Project Review and Hand-over Mission, which visited from May 28 to June 1, 2014. The Mission expressed strong concern on the slow progress of ICB-01 contract. Necessity of night time work for the Contractor to accelerate the progress and recover the time loss was envisaged by the Mission.

The status on agreed action plan of the last review mission is shown as Attachment-7. For the sake of completeness of information status on agreed action plan of earlier review missions is also included in this attachment.

E. Compliance with Covenants

The compliances of the loan covenants are evaluated on the basis of the agreed time frame in the PAM. Most of the loan and grant covenants are complied as per the stipulated time. The status of compliance with loan and grant covenants is as shown in Attachment-8.

F. Major Project Issues and Problems

As described earlier delays were occurred in design and procurements of works due to cost of original project scope exceeding the available budgets, which required rounds of options study and modifications of design and bidding documents to optimize scope of project works for implementation and consequently more time was required in approvals by CAAN and ADB. However, bidding procedures were streamlined with approvals in faster manner, which enabled to recover some of the lost time. Furthermore, extension of original loan closing date by 12 months (i.e. till June 30, 2016), enabled to offset delay impact to project implementation.

At the current state of project implementation, there are no any major issues and problems affecting the progress of implementation of the Project. ICB-02 contract is progressing as per the schedule. The contractor of ICB-01 is slow in work progress due to its own reasons. The Contractor of ICB-01 must improve and show better performance in coming months as per the Action Plan set for 30% progress till December 2014. Still there is time to catch up delays provided improvement to major work such as structural filling in A04 is undertaken by the Contractor with priority.

Attachment-9 presents status of critical actions in the reporting period (i.e. January-March, 2014) and next quarter (April to June, 2014).

Project Data Sheet (PDS)

PDS Status: Updated

38349 - NEP: Air Transport Capacity Enhancement Project	
Project Name	Air Transport Capacity Enhancement Project
Country	Nepal
Project Type / Modality of Assistance	Project Loan/Loan and Grant
Project Number	38349
Source of Funding / Amount [Active]	Loan-2581-NEP (SF): Air Transport Capacity Enhancement Project Asian Development Fund: US\$ 70 million Grant-0181-NEP (SF): Air Transport Capacity Enhancement Project Asian Development Fund: US\$ 10 million
Thematic Classification	Economic growth, improved transport connectivity
Sector/Subsector	Transport and Communication / Air transport
Gender Mainstreaming Category	Some gender benefits from employment opportunities from construction
Description	The project will enhance safety and capacity at Tribhuvan International Airport (TIA) in Kathmandu and three remote domestic airports-Lukla, Rara and Simikot. TIA's airfield side infrastructure will be reconfigured and upgraded to international safety standards, including provision or construction of (i) about 1,400 meters (m) of new main taxiways and link taxiways, (ii) 300 meters of runway extension and construction of runway end safety area, (iii) new international apron (about 80,000 m²), (v) an uninterrupted power supply system for essential airfield and security area lights, (vi) CNS and ATM equipment, and (vii) upgrading of rescue and fire fighting system. TIA's terminal infrastructure will be rehabilitated with the existing international terminal reconfigured and expanded. Basic safety improvements at the three remote domestic airports include a visual approach guidance system and abbreviated precision approach path indicator at Lukla airport, and runway threshold identification and runway end lights, air traffic control equipment, and meteorological equipment at Simikot and Rara airports. It will also support to improve overall sector management by implementing a 3-year capacity development program for the Civil Aviation Authority of Nepal (CAAN). CAAN's organizational and management capacity will be strengthened by updating the existing regulations, developing a strategy to adapt the regulatory framework based on international standards, improving human resources development, upgrading the financial and management information system, implementing a systematic maintenance program, and identifying viable opportunities for private sector participation for future airport infrastructure development and maintenance.
Project Rationale and Linkage to Country/Regional Strategy	Due to the challenging terrain in Nepal, air transport is an important part of the country's overall transport system, providing access to many remote towns and villages in the mountainous areas. Nepal's natural landscape and cultural heritage offer tourism development potential. A safe and reliable air transport system is vital to achieving the Government's tourism development targets, and therefore receiving the economic benefits. TIA is the country's only international airport and safety concerns urgently need to be addressed. TIA's airside facilities, runways, taxiways, apron and communication navigation surveillance equipment are not fully compliant with international safety standards and recommended practices. The Project will provide improvements to address the current safety issues and capacity constraints. The domestic airports in Lukla, Rara and Simikot serve remote areas that are otherwise inaccessible by road, and air transport is an essential mode of communications for both the local communities and need urgent rehabilitation and upgrading. The Project will upgrade and improve communication equipment, visual approach aids, and weather equipment. CAAN is responsible for the administration of civil aviation in Nepal and is essentially functioning well. However, further institutional enhancement, especially in its operational efficiency expected demand of greater air transport traffic in the medium term. Overall, the Project is to address major factors hindering the future growth of the air transport subsector by improving safety to international standards, easing capacity constraints, and enhancing CAAN's organizational effectiveness.
Impact	Improved transport connectivity promoting broad-based economic growth.

Project Outcome	
Description of Outcome	Project Outcome Progress
Improved safety and capacity at Tribhuvan International Airport (TIA) in Kathmandu; and enhanced safety at remote domestic airports in Rara, Simikot and Lukla; and improved institutional capacity of CAAN.	Supply and installation of CNS/ATM equipment is completed at TIA and Lukla airports. This has improved operational safety at these airports.
Implementation Progress	
Description of Project Outputs	Status of Implementation Progress (Outputs, Activities and Issues)
1. Airport investment component 1.1 Airport infrastructure improvement and development 1.2 Supply and installation of CNS/ATM equipment 2. Capacity Development of Civil Aviation Authority of Nepal	Airport Capacity Improvement and Safety Enhancement: The cumulative progress of consulting services for Design and Construction Supervision is 52.59%. 2 ICB contract packages awarded in 2012. The physical progress is 8.82% for ICB-01 and 100% for ICB-02. Capacity Development of CAAN: Components on Private Sector Participation (2C), Enhancing Non-aeronautical Revenues (2D) and Planning (2A) are complete, whereas Restructuring (3), HRD (4), Computerization (5) and MIS (6) are in different level of progress. Under Component 1 (Legal) preparation of new integrated act, civil aviation regulation is in advanced stage. The cumulative progress of this consulting service is 74%.
Geographical Location	TIA (in Kathmandu), Rara Airport (in Mugu district), Simikot Airport (in Humla district) and Lukla Airport (in Solukhumbu district).
Safeguard Categories	
Environment	B
Involuntary Resettlement	B
Indigenous People	B
Summary of Environmental and Social Aspects	
Environmental Aspects	The project is classified "B" in accordance with ADB's Safeguard Policy Statement (2009) and therefore initial environmental examination (IEE) was prepared during preparation of the project. Findings of the IEE indicate that the project is not likely to cause significant adverse environmental impact. Improvement works are within existing airport boundaries with no encroachment on sensitive ecological areas. Most impacts are likely to occur during construction stage, associated with earth movement, paving, heavy equipment operation and paved/unpaved-road travel for transportation of haulage of the fill and other construction materials. These impacts are temporary in nature, and mitigating measures have been prepared and regularly monitored by CAAN and consultants. No irreversible, diverse or unprecedented environmental impacts are expected to occur and a further environmental impact assessment is not needed.
Involuntary Resettlement	The project is classified "B" in accordance with ADB's Safeguard Policy Statement. All construction activities will take place within the existing area of the respective airports and there is no acquisition of private land or property. No physical displacement is envisaged.
Indigenous Peoples	The project is classified "B" in accordance with ADB's Safeguard Policy Statement. No indigenous people will be affected by the project.
Stakeholder Communication, Participation and Consultation	
During Project Design	Meaningful consultations, held in an atmosphere free of coercion, were conducted to gather feedback from the local communities in the remote airports on the proposed development and perceived socio-economic impacts. Social impact assessments confirmed that no indigenous people will be affected and will benefit equally from the socioeconomic opportunities created by the Project.
During Project Implementation	Consultations will be conducted, if and when necessary.
Business Opportunities	
Consulting Services	The Consulting services for Detail Design and Construction Supervision (DDCS) of the project and Capacity Development of CAAN were procured by using ADB's quality- and cost-based selection procedure in accordance with Guidelines on the Use of Consultants by the Asian Development Bank. DDCS will require about 116 person-months of international consultants and 526 person-months of national consultants. The Consultants will carry out (i) detail design, assisting with procurement of works and equipment; (ii) construction supervision of contracts; and (iii) provide project management assistance.

	Similarly, the consulting services for Capacity Development of CAAN comprise of about 118 person months of international consultants and 82 person months of national consultants.
Procurement	2 ICB packages awarded for (i) Airside infrastructure development and landside Terminal improvement at TIA, Simikot and Rara Airports; and (ii) supply and installation of CNS/ATM equipment at TIA and Lukla Airports.
Date of First Listing	
Responsible ADB Officer	Naresh Pradhan (npradhan@adb.org)
Responsible ADB Department	Nepal Resident Mission
Responsible ADB Division	Transport and Communication Division
Executing Agency	Civil Aviation Authority of Nepal
Timetable	
Concept Clearance	
Fact Finding	
MRM	
Approval	23-Nov-2009
Last Review Mission	28- April -2014 to 01-May-2014

Loan 2581

Loans						
				Closing		
Loan No.	Approval	Signing	Effectiveness	Original	Revised	Actual
2581-NEP	23-Nov-09	25-May-2010	10-Dec-2010	30-Jun-2015	30-Jun-2016	
Financing Plan				Loan Utilization		
	TOTAL(Amount in US\$ million)	Date	ADB	GoN	Net Percentage	
Project Cost	80.50	Cumulative Contract Awards				
ADB	70.00	30-Jun-2013	64.19	8.34	90.10 %	
Counterpart	10.50	Cumulative Disbursements				
Co-financing	0.00	30-Jun-2013	17.54	2.63	25.06 %	
Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	Satisfactory	Satisfactory	Satisfactory	Satisfactory		Satisfactory

Grant 0181

Grant						
				Closing		
Loan No.	Approval	Signing	Effectiveness	Original	Revised	Actual
0181-NEP	23-Nov-09	25-May-2010	10-Dec-2010	30-Jun-2015	30-Jun-2016	
Financing Plan				Grant Utilization		
	TOTAL(Amount in US\$ million)	Date	ADB	GoN	Net Percentage	
Project Cost	11.50	Cumulative Contract Awards				
ADB	10.00	30-Jun-2013	9.46	1.23	92.95 %	
Counterpart	1.50	Cumulative Disbursements				
Co-financing	0.00	30-Jun-2013	5.15	0.77	51.50 %	
Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	Satisfactory	Satisfactory	Satisfactory	Satisfactory		Satisfactory

Historical PDS		
Date Sent for Posting	Last Update By	Sent For Posting By

Air Transport Capacity Enhancement Project

STATUS OF LOAN/GRANT UTILIZATION

As of June, 2014

(in million US\$)

CAT	DESCRIPTION	ALLOCATION*	CONTRACTS AWARDED**	UNCONTRACTED GRANT/LOAN BALANCE	TOTAL DISBURSEMENTS	UNDISBURSED AMOUNT	UNDISBURSED CONTRACT BALANCE
		(a)	(b)	(c) = (a - b)	(d)	(e) = (a -d)	(f) = (b -d)
2/0 PCSS# 605903 PCSS# 607180	<u>Grant -0181-NEP (SF)</u>						
	Consulting Services for Detail Design & Construction Supervision (JAC-GEOCE)	5.19	5.18	0.010	3.02	2.17	2.16
	Consulting Services for Capacity Development of CAAN (INECO-Prointec-ERMC)	4.50	4.28	0.22	2.13	2.37	2.15
	Sub-total	9.69	9.46	0.23	5.15	4.54	4.31
01 0001 0002	<u>Loan -2581-NEP (SF)</u>						
	ICB-02 Contract, Supply and Installation of CNS and ATM Equipment at TIA & Lukla Airport (EMTE Sistemas S.A.U)	4.85	3.08	1.77	3.03	1.82	0.05
	ICB-01 Contract, Airside Infrastructure & Landside Terminal Improvement at TIA, Simikot & Rara Airports (Constructora Sanjose S.A.)	51.36	61.11	-9.75	14.51	36.85	46.6
	Sub-total	56.21	64.19	-7.98	17.54	38.67	46.65
	TOTAL	65.90	73.65	-7.75	22.69	43.21	50.96

Figures on Total Disbursements confirmed as per Status of Loan (2581-NEP (SF))/Grant (0181-NEP (SF)) Run date July 10, 2014.

* As per Financing Plan of PAM

** As per dates of respective contracts

PCSS# 605903 - March 9, 2011

PCSS# 607180 - December 22, 2011

001 - August 1, 2012

002 - December 21, 2012

Project Results Profile

Planned Outcome	Monitoring Indicators/Targets	Progress	Remarks
Outcome			
1) Improved safety and capacity at TIA;	By project completion, safety standard is enhanced in accordance with the best international practices, including: (i) Runway and Parallel Taxiway meet safe operation distance of 182.5 m; (ii) International Apron meets safety separation requirements; (iii) CAT I precision approach lights are rehabilitated and operational for Runway 02 and simple approach lights are operational for Runway 20; and (iv) airport emergency service improves from ICAO's Rescue Fire Fighting Category 8 to 9. Capacity of infrastructure is developed and improved both at airside and landside, including new parallel and link taxiways, runway extension, new international apron and reconfiguration and expansion of ITB	Too early to assess.	PPM is established by TIAIP-PD, CAAN.
2) Enhanced safety at the remote domestic airports at Lukla, Rara and Simikot;	Visual alignment guidance system (VAGS) and abbreviated precision approach path indicator (A-PAPI) are operational at Lukla Airport; and RTIL, REL and ATC and MET and snow plough equipment are operational at Simikot and Rara airports.		
3) Improved institutional capacity	CAAN is reorganized and staffed and staff policy and training program are implemented.		
Planned Output	Monitoring Indicators/Targets	Progress	Remarks
Outputs			
1) TIA's airside reconfigured for safety, landside infrastructure improved, and CNS and ATM equipment upgraded.	By project completion: Targeted airside improvements are completed, including (i) approximately 700 m of new taxiways and 700 m of link taxiways, (ii) RESA for runway 02 and 300 m of runway extension, (vii) approximately 80,000 sq m of new international apron, and (iv) CAT I approach lights for RWY 02 and simple approach lighting for RWY 20, (v) 800 kVA generator and uninterrupted power supply system as secondary power supply for all essential airfield and security area lights, (vi) new CNS/ATM equipment. Targeted landside improvements are completed with refurbishment and expansion of existing international terminal.	(i) ICB 01 Contract signed on 21 st December 2012 and commencement date is 17 th March 2013 (ii) ICB 02 Contract signed on 1 st August 2012 and effective from 17 th September 2012.	(i) ICB 01 Contractor is executing construction works in A04 (Parallel Taxiway and International Apron), A03 (Runway Extension) and A12-8 (under A12, Ancillary Work), B01 (ITB) but progress rate is slow and not satisfactory. (ii) ICB 02 Contractor has completed contract works and the contract is now under DLP.
2) Basic safety infrastructure improved at the remote domestic airports in Lukla, Rara and Simikot	Targeted safety features are completed, including (i) VAGS and A-PAPI at Lukla airport; (ii) RTIL, REL, and ATC/MET equipment at Simikot and Rara airports.		
3) CAAN's organizational and management capabilities enhanced	Targeted capacity enhancements are achieved, including: (i) civil aviation regulations based on ICAO's standards, (ii) strategy for separation of regulatory and service functions with legal framework and implementation plan, (iii) national air transport development plan and corporate business plan, (iv) human resources development plan with staff training policy and program, (v) accounting software system, (vi) financial and management information system, and (vii) due diligence studies for private sector participation.	The Consultant started services from March 6, 2012.	On schedule. Please see Attachment-3 (Supplementary) for project results profile of Capacity Development of CAAN.

**Project Results Profile
Capacity Development of CAAN**

Planned Outcome	Monitoring Indicators/Targets	Progress	Remarks
Outcome			
<u>Component 1:</u> Legal	Develop a Draft for the new single Act for the Civil Aviation	100%	It has been required a new review including some comments in January 2014
	Review of the Regulation	75%	Draft delivered for comments in March 2014
Planned Outcome	Monitoring Indicators/Targets	Progress	Remarks
Outcome			
<u>Component 2:</u> Planning	New Air Traffic Demand Forecast	100%	
	Strategic Analysis (SWOT)	100%	
	Air Transport Planning. National Plan	97%	Under final review
	Capacity Analysis of TIA Runway	100%	
	Airport Planning. National Plan	97%	Updating some data
	Air Navigation. National Plan	100%	
	Corporate Business Plan for the New Organizations	75%	Under Development
	Private Sector Participation Model	100%	
	Enhancing Non-Aeronautical Revenues	100%	
Planned Outcome	Monitoring Indicators/Targets	Progress	Remarks
Outcome			
<u>Component 3:</u> Restructuring	Benchmarking	99%	
	New CAAN Organization Draft	100%	
	New NAANSA Organization Draft	100%	
	New CAAN Organization 2 nd Draft	100%	
	New NAANSA Organization 2 nd Draft	100%	
	Discussion with the different Departments	100%	
	Final CAAN Organization	99%	Under review. Expected September 2014
	Final NAANSA Organization	92%	Under review. Expected September 2014
	Human Resources Development Plan	75%	Under development
	Transition Plan	50%	Under development
Planned Outcome	Monitoring Indicators/Targets	Progress	Remarks
Outcome			
<u>Component 4:</u> Human Resources	Current Training Program Analysis	100%	
	CAAN Training Program	70 %	
	NAANSA Training Program	70 %	
	Transition Plan Training Courses	40 %	

Planned Outcome	Monitoring Indicators/Targets	Progress	Remarks
Outcome <u>Component 5:</u> Computerization	IT Organization Structure in CAAN Analysis. IT Department Definition	100%	
	Computerization Conceptual Plan	100%	
	Security Policy	100%	
	Computer System technical specifications.	100%	
	Computer System Installation	0%	Waiting for the decision of CAAN for the Bid Process
	User Manuals	0%	
	Training. Transition Plan	0%	
Planned Outcome	Monitoring Indicators/Targets	Progress	Remarks
Outcome <u>Component 6:</u> MIS	MIS preliminary recommendations	100%	
	IT Department	100%	
	MIS Requirement Gathering	100%	
	MIS Concept Plan	100%	
	MIS and Computerization Functional Specifications	100%	
	Security Policy	100%	
	MIS Technical Specifications	100%	
	MIS Programming	75%	
	MIS Implementation	60%	Implementation at Ineco environment started
	Training. Transition Plan	0%	
	Financial Management System Review	100%	
	Review Accounting Software Packages	100%	
	Software Implementation	0%	After Bidding Process

[illegible]

Air Transport Capacity Enhancement Project
Status of Environmental Safeguards During Planning Stage

Reporting Period: April to June, 2014

S. No.	Name of Project	Environmental screening is carried out? (Yes or No)	Environment category of the project / subproject (A/B/C/FI)	EARF is prepared (if applicable) (Yes/No)	EIA/IEE/DDR with EMP is prepared (Yes/No)	ADB approved EIA/IEE with EMP (Yes / Under Review / Not Yet Due/Over Due)	Government approved EIA/IEE with EMP (Yes / Under Review / Not Yet Submitted)	Safeguard monitoring and coordination mechanism established (Yes/No)	GRC is established (Yes/No)	Automated safeguard monitoring system customized (Yes/No)	EMP cost in approved document is included in BOQ as an individual item (Yes/No)	Remarks
1	Air Transport Capacity Enhancement Project	Yes	B	No	IEE	Yes	Yes	Yes	No	Yes	Yes	

Note: EIA- Environmental Impact Assessment; IEE- Initial Environmental Examination; DDR- Due Diligence Report; EMP- Environmental Management Plan;

GRC- Grievance Redress Committee; BOQ- Bill of Quantity

Air Transport Capacity Enhancement Project
Status of Environmental Safeguards During Implementation Stage
Reporting Period: April to June, 2014

S. No.	Contract	Compliance to Environmental Management Plan*																
		Air Quality				Noise and Vibration	Soil Quality						Water Pollution Control					
		Dust Emission Control (Vehicular, Plant)	Construction materials transportation, demolition	Gaseous emission (Vehicles, construction Equipment)	Gaseous emission (Hot mix plants)	Management in noise level due to construction activities, vehicles & earthmoving (compliance in %)**	Preservation & rehabilitation to avoid loss of soil productivity due to borrowing of earth and loss of soil cover (compliance in %)	Landslide and Erosion control protection	Management to avoid contamination of soil due to waste (liquid and solid) and discharge of construction camp (compliance in %)**	Management of extraction of Ground water	Management of Sewage Disposal	Spoil Management	Surface Run-off	Ground water	Boring and Drilling Water	Concrete Batching and Asphalt Plant	Wheel washing water	Site Facilities
		(compliance in %)**	(compliance in %)**	(compliance in %)**	(compliance in %)**		(compliance in %)**	(compliance in %)**	(compliance in %)**	(compliance in %)**	(compliance in %)**	(compliance in %)**	(compliance in %)**	(compliance in %)**	(compliance in %)**	(compliance in %)**	(compliance in %)**	
1	ICB-01	25%	50%	50%	NA	50%	25%	NA	NA	NA	100%	50%	10%	0%	0%	50%	0%	50%
2	ICB-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

S. No.	Contract	Compliance to Environmental Management Plan*								Grievances			Corrective Action Plans are prepared and implemented (Y/N)	EMP compliance reporting is maintained (Y/N)	Remarks
		Biological Environment			Socio-economic					Nos of grievances documented	No of grievances resolved	No of grievances under processing			
		Minimize cutting down of trees	Compensatory Afforestation (1:25)		Occupational Health and Safety			Community structures are compensated / reconstructed (progress in % of total estimated work)***							
Target (Nos.)	Replanted (Nos.)	Safety Gears are sufficient and used (Y/N)	Labors are insured (Y/N)	Labor and work camps are healthy and have sanitary facilities (Y/N)	Community Structure 1	Community Structure 2									
1	ICB-01	NA	NA	NA	Y	Y	Y (Partial)	NA	NA	3***	NA	NA	Y	Y	Physical works continuing in parts.
2	ICB-02	NA	NA	NA	Y	Y	NA	NA	NA	NA	NA	NA	Y	Y	Minor civil works for installation of equipment completed

Note: * Add field as guided by EMP; ** Write percentage of compliance in a scale of 100%;

NA: "Not applicable", this denotes for the reporting period.

*** Related to water supply in A12-8-1no (already resolved)

Related to maintenance of outer perimeter road (Kadaghari-Gothatar) - 1 no (already resolved)

Related to traffic management of Bagmati Right Bank Road in transportation of fill materials (under processing)

Air Transport Capacity Enhancement Project

GESI Action Plan
Reporting Period: April to June, 2014

Gender equality and social inclusion (GESI) action plan is not applied as the project has no interference with the community because it is confined within the airport boundary. However in the context of project aspects such as employment opportunities to women at no differentiate payment between men and women for work of equal value, provision of appropriate facilities for women and children at construction campsites and to the extent possible employment of local poor and disadvantaged persons for construction purposes have been considered and monitored in the works contract.

Procurement Plan (PP) for Consulting Services

Period Covered: April to June, 2014

Project Name & ID: Air Transport Capacity Enhancement Project (ATCEP) FAS :NEP 38349 Loan/Credit/Grant No.: Grant No.0181 NEP(SF)											Executing Agency: Civil Aviation Authority of Nepal (CAAN) Implementing Agency: Tribhuvan International Airport Improvement Project, Project Directorate												
No	Description of Services & Contract ID No.	Prior/ Post Review	PP Status	Cost Estimate (NRs/US\$ mil)	Method of Selection	Advertising for EOI	Short list & RFP to ADB	ADB's NOL to SL & RFP	RFP Issued	Proposal Submission	TP Evaluation Report to ADB	ADB's NOL to TP Evaluation Report	Public Opening of FP	FP Evaluation Report to ADB	ADB's NOL to FP Evaluation Report	Negotiated Contract to ADB	ADB's NOL to Negotiation Contract	Contract Awarded Date	Contract Price (NRs/US\$ mil)	Name of Consultant	PCSS No.	Procurement at Center/ District	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	Consulting Services for Detail Design and Supervision	Prior	P	US\$ 5.2 Million	QCBS	Aug 21, 09	Oct 12, 09	Oct 19, 09	Oct 21, 09	Dec 06,09	Dec 23, 09	Dec 30, 2009	Jan. 02, 2010	Jan 09, 10	Jan. 14, 10	Jan 26, 10	Jan 31, 10	Feb 07,10	US\$ 5.18 million	Japan Airport Consultants Inc.- GEOCE	G05 903	Center	
			R					Jan. 21, 10	Jan. 31, 10	Mar. 16, 10	Apr. 13,10	Apr. 20,10	Apr. 23, 2010	May 02, 10	May 07, 10	May 21, 10	May 28, 10	June 05, 2010					
												July 27, 2010	August 01, 10	Aug. 10, 10	August 25, 10	Sept. 13, 10	Sept. 20, 10	Sept. 24, 10					
														Aug. 17, 2010	Aug. 27, 10	Sept. 03, 10	Sept. 24, 10	October 01, 10	October 07, 10				
			A			Aug 21, 09	Jan. 07, 10	March 03, 10	March 05, 10	April 30, 10	June 09, 10	August 10, 10	Aug. 17, 2010	October 03, 10	Nov. 25, 2010	Jan. 25, 2011	Feb. 17, 2011	March 09, 11					
2	Consulting Services for Capacity Development	Prior	P	US\$ 4.495 Million	QCBS	Dec. 03,09	Jan. 17, 10	Jan. 31, 10	Feb. 02, 10	Mar. 20, 10	Apr. 06, 10	Apr. 20, 2010	Apr. 23, 2010	Apr. 30, 10	May 07, 2010	May 19, 10	May 26, 2010	June 02, 2010					
			R						July 23, 10	July 27, 10	Sept. 16,10	Oct. 07, 10	Oct. 21, 2010	Oct. 25, 2010	Nov. 04, 10	Nov. 11, 2010	Nov. 26, 10	Dec. 03, 2010	Dec. 09, 2010				
			A			Apr 02, 10	July 13, 10	Oct. 29, 2010	Dec. 17, 2010	Feb. 15, 2011	Sep. 20, 11	Oct. 7, 2011	Oct. 17, 11	Nov. 01, 11	Nov. 10, 11	Nov. 23, 11	Dec. 05, 11	Dec. 22, 2011	US\$ 4.28 million	INECO – PROINTEC -ERMC	G07 180	Center	

- Abbreviations:** FA = Financing Agreement, PAD = Project Appraisal Document, P = Planned, R = Revised, A = Actual, NOL = No Objection Letter, NA = Not Applicable, EOI = Expression of Interest, SL = Short List, RFP = Request for Proposals, TP = technical proposal, FP = Financial proposal.
- Formula for defining Contract ID NO.:** Project Name/ category of procurement/ selection Method – No. of Procurement under services category in ascending order from the first year to the last year of the Project.
- Notes:** 1 = Issuance of letters to 3 individual consultants requesting their interest; 2. Total time = 60 days = 30 days for EOI response period + 30 days for EOI evaluation, establishing SL, decision making & sending letter to ADB for NOL.
- Bidding for Procurement Activity under Slicing Arrangement:** (i) One RFP for all slices, but TOR, Qualification Criteria, Contract Completion Period, etc may be made slice specific & put in the same RFP, (ii) Single Notice for EOI for all slices. It reduces cost of bidding, time and other administrative burdens.

Procurement Plan (PP) for Goods/ Works
Period Covered: April to June, 2014

Project Name & ID: Air Transport Capacity Enhancement Project (ATCEP) FAS :NEP 38349 Loan/Credit/Grant No.: <i>Loan No. 2581 NEP (SF)</i>									Executing Agency: Civil Aviation Authority of Nepal (CAAN) Implementing Agency: Tribhuvan International Airport Improvement Project, Project Directorate								
No.	Description of Goods/ Works & Contract ID No.	Prior/ Post Review	PP Status	Cost Estimate (NRs/US\$ mil)	Method of Procurement	Bid document to ADB	ADB's NOL to Bid	Bid Invitation	Public Opening of Bids	BER to ADB	ADB's NOL to BER	Contract Awarded Date	Name of Contractor/ supplier	Contract Price (NRs /US\$ mil)	PCSS No.	Completion date of the contract implementation	Procurement at center/ district
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	ICB 02: Supply and Installation of CNS and ATM Equipment at TIA and Lukla Airport	Prior	P		ICB, Single Stage, Two Envelope	Jul 15, 2011	Aug 5, 2011	Oct 4, 2011	Nov 19, 2011	Dec 10, 2011	Dec 24, 2011	Feb 9, 2012					Center
			R														
			A				Jan 31, 2012	Feb 1, 2012	May 16, 2012	Apr 18, 2012	May 2, 2012	1 st August 2012	EMTE Sistemas, S.A.U.	US\$ 3.082 million	0001	10 December 2013	Center
2	ICB 01: Airside Infrastructure Development and Landside Terminal Improvement at TIA, Simikot and Rara Airports	Prior	P		ICB, PQ, Single Stage	Jul 15, 2011	Nov 20, 2011	Dec 4, 2011	Jan 19, 2012	Feb 9, 2012	Mar 1, 2012	Mar 17, 2012					Center
			R														
			A		ICB, PQ, Single Stage	Apr 30, 2012		Jun 7, 2012	Aug 21, 2012	Sep 20, 2012	Nov 6, 2012	21 st December 2012	Constructora Sanjose S.A	US\$ 61.11 million	0002	16 March 2016	Center

- Abbreviations:** FA = Financing Agreement, PAD = Project Appraisal Document, P = Planned, R = Revised, A = Actual, BER = Bid Evaluation Report, NOL = No Objection Letter, NA = Not Applicable.
- Formula for defining Contract ID NO.:** Project Name/ category of procurement (G/W)/ selection Method – No. of Procurement under Goods or Works category in ascending order from the first year to the last year of the Project. i. e. "IWRMP/G/ICB-1", "RAIDP/W/NCB-23", etc.
- PP of Goods and Works:** Similar format, but separate sheet should be used for preparing PP of Goods and Works.
- Contextual Meaning of Column Heads:** "Col-7: Bid Document to ADB", in case of post review & under other procurement methods, shall be treated as "preparation of bid doc or shopping doc & its approval by the procuring entity". "Col-8, 11, 12" are not applicable in case of post review.
- Bidding for Procurement Activity under Slicing Arrangement:** (i) One Bid Doc for all slices, but BOQ/ Schedule of Prices, Technical Specifications, Qualification Criteria, Contract Completion Period, etc may be made slice specific & put in the same Bid Doc, (ii) Single Notice for bid invitation for all slices. It reduces cost of bidding, time and other administrative burdens.

Air Transport Capacity Development Project

Capacity Development of CAAN Project

Summary of Progress of Consulting Services

Reports	Description/Technical Accomplishments	Timeframe	Submitted by Project	Date Submitted
Inception Report	Initial findings and, if appropriate, updated approach, methodology, and work plan.	Month 1 from start of project	Inception Report	3 rd April 2012
Monthly Progress Reports	Brief details of the work carried out during the previous month (all components), the problems encountered or anticipated, together with the steps taken or recommendations for their correction, and financial and physical progress to date.	Monthly (by the 10 th day of each month following the inception report)	Annual Progress Report 2012-13	Every Month or every two months. Last Monthly Report of March-April 2014 submitted on 06 June 2014
Component 1: Legal Completion Report	Interim Deliverables	Completion End Month 9		
	Legal Review Report (Month 1)		1. Inception Report 2. Review of the civil aviation legislation: Preliminary report. 3. Review of the Institutional Framework 4. Report on The Workshop on Legal Institutional Reform	3 rd April 2012 26 th April 2012 10 th May 2012 11 th September 2012
	Draft CARs (Month 7)		Delayed due Project Director. Priority will be New Act. Gathering process of the CARs to be reviewed.	
	Draft Tripartite MOU (Month 7)		Integrated Civil Aviation Act. Content Proposal Workshop content proposal new integrated Act Draft Report on "Integrated Civil Aviation Act"	19 th November 2012 09 th December 2012 26 th February 2013
	Authority Legislation (Month 9)		Integrated Civil Aviation Act. Content Proposal Workshop content proposal new	19 th November 2012

			integrated Act Draft Report on “Integrated Civil Aviation Act”	09 th December 2012 26 th February 2013
	CAAN Act Amendments (Month 9)		Integrated Civil Aviation Act. Content Proposal Workshop content proposal new integrated Act “Integrated Civil Aviation Act” First Draft for comments Comments on Integrated Civil Aviation Act Nepal Civil Aviation Act Revised Draft September 2013 Integrated Civil Aviation Act Integrated Civil Aviation Act for Workshop Integrated Civil Aviation Act after workshop Integrated Civil Aviation Act including some comments Integrated Civil Aviation Act. Nepali version	19 th November 2012 09 th December 2012 26 th February 2013 13 March 2013 9 th September 2013 25 th February 2014 7 th March 2014 17 th April 2014 19 th May 2014 06 th June 2014
	CAAN Regulation		CAAN Regulation Draft.0	24 th March 2014
	Asset Transfer Legal Instruments (Month 9)		Draft Report on “Integrated Civil Aviation Act”	26 th February 2013
Component 2A: National Plan Completion Report	Interim Deliverables	Completion End Month 12		
	Inception (Month 4)		Inception Report	3 rd April 2012
	Working Paper Air Transport (Month 6)		Draft Report on Air Traffic Demand Forecast Draft Report on national Transport Plan – Current Situation & Diagnostic Report on “National Air Transport Plan Current Situation and Diagnostic, February 2013”	4th October 2012 4th October 2012 3 rd March 2013

			National Air Transport Plan. Action Plan	27 March 2013
			Workshop on Planning Report	5 th April 2013
	Working Paper Airports (Month 8)		Draft Report on National Airports Plan, Current Situation and Diagnostic	4 th October 2012
			National Airports Plan Traffic Demand, February 2013	February 2013
			Report on “National Airports Plan Current Situation and Diagnostic, February 2013”,	3 rd March 2013
			Draft Report on “National Airport Plan – Action Plan”	28 March 2013
			Workshop on Planning Report	5 th April 2013
	Working Paper Airspace (Month 8)		Analysis of The Current Airspace and CNS/ATM Infrastructure - Draft	26 th September 2012
			Analysis of The Current Airspace and CNS/ATM Infrastructure- Annexes 1,2 and 3 - Draft	26 th September 2012
			Final Report on “Analysis of The Current Airspace and CNS/ATM Infrastructure, November 2012”	3 rd March 2013
			Final Analysis of The Current Airspace and CNS/ATM Infrastructure-Annexes 1,2 and 3	3 rd March 2013
			Report on “Assessment and Redesign of Nepalese Airspace Structure at Short-Medium-Long Term, February 2013”	3 rd March 2013

			20 Years National Airspace Modernization Plan Feb. 2013 Workshop on Planning Report	5 th April 2013 March 2013
	Draft Report National Plan (Month 10)		Draft Report on Air Traffic Demand Forecast Report on “Air Traffic Demand Forecast. Report on “Strategic Analysis of Air Transport And Airports Network in Nepal SWOT Analysis, February 2013” Draft Report on National Air Transport Plan-Action Plan Report on “20-Year National Airspace Modernization Plan, February 2013” Draft Report on “National Airport Plan – Action Plan” Workshop on Planning Report	4 October 2012 3 rd March 2013 3 rd March 2013 3 rd March 2013 3 rd March 2013 3 rd March 2013 5 th April 2013
	Final Report National Plan (Month 12)			
Component 2B:Corporate Business Planning Completion Report	Interim Deliverables	Completion End Month 18		
	Draft Business Plan CAAN (Month 15)			
	Draft Business Plan NAANSA (Month 15)			
	Final Report National Plan (Month 18)			
Component 2C:	Interim Deliverables	Completion End		

Private Sector Participation Planning Completion Report		Month 9		
	Working Paper Private Sector Opportunities (Month 6)		Draft Working Paper Private Sector Opportunities. Presentation	21 st January 2013
			Private Sector Participation Planning, October 2013	23 October 2013
	Financial Analysis Int Terminal Building (Month 6)		Private Sector Participation Planning, October 2013	23 October 2013
Component 2D: Enhancing non-Aeronautical Revenue	Interim Deliverables	Completion End Month 9		
	Review of CAAN's current non-aeronautical revenue generating activities and identification of additional commercial opportunities (Month 8)		Draft of Enhancement of Non-Aeronautical revenues Presentation Enhancing Non-Aeronautical Revenue	21 st January 2013 July 1, 2013
Component 3: Restructuring Plan Completion Report	Interim Deliverables	Completion End Month 22		
	Inception Report –Restructuring (Month 1)		Inception Report	3 rd April 2012
	Draft Implementation Plan (Month-6)		Presentation on November 2012 on Draft implementation Plan of the new organizations. Delayed due to the workshop on Legal and Institutional Reform on August 31 st 2012. Draft Report on Restructuring Plan Vol. II Proposal for CAAN Organization, August 2013 Draft Report on Restructuring	30 th November 2012 13 September 2013 13 September 2013

			Plan Vol. III Proposal for NAANSA Organization, August 2013 Human Resources Development Plan for CAAN and NAANSA Final CAAN Organization Final AANSON Organization	Review Workshops conducted during Sept.24 to October 8 to review the proposed organizations/ functions Presented on December 4 th 2013 Under review in Nepal Office (April-May 2014) Under Review in Nepal Office (April-May 2014) To be presented in September 2014
	Draft Transition Plan (Month 9)		Delayed due to the workshop on Legal and Institutional Reform on August 31 st 2012.	To be presented in September 2014
Component 4: Human Resources Development Completion Report	Interim Deliverables	Completion End Month 36		
	Staff Training Programmes (Month 3)		Staff Training Program Analysis (Current) CAAN Training Plan AANSON Training Plan	24 th August 2012 To be delivered in October 2014
Component 5: Computerization Completion Report	Interim Deliverables	Completion End Month 24		
	Computerization Concept Plan (Month 3)		Report on "5-6. Computerization Plan and MIS Completion Report (IT Department, January 2013)" ICT Survey Report 1.docx IT Survey Report 3, March 1 Computerization Conceptual Plan	11 th January 2013 27 February 2013 2013-7-31 June 2013/ 1 July 2013

			Computerization Security Policies 5 and 6A Security Policies, October 2013	23 October 2013
	Technical Specifications (Month 8)		Computerization Technical Specifications BID Options Document	Presented on April 6 th - to 12 th 2014 June 30 th
	User Manuals (Month 12)			
Component 6: MIS & Financial Management System Completion Report	Interim Deliverables	Completion End Month 30		
	Inception for MIS (Month 4)		Inception Report of Management Information System (preliminary recommendations) Report on "5-6. Computerization Plan and MIS Completion Report (IT Department, January 2013)"	24 th August 2012 11 th January 2013
	MIS Concept Plan (Month 7)		Inception Report of Management Information System (preliminary recommendations) MIS Software Review for MIS Concept Plan MIS Requirement Gathering MIS Concept Plan	24 th August 2012 November 2012 March 2013 April 2013/1 July 2013
	Functional Specifications (Month 11)		MIS and Computerization Functional Specifications	May 2013
	Detailed Technical Specifications (Month 14)		MIS Detailed Technical Specifications, Sept. 2013 MIS Detail Technical Specifications, Dec. 2013 BID Options	23 October 2013 20 December 2013 Presentation July 2014 June 30 th 2014
	User Manuals (Month 20)			
	Accounting Systems Review (Month 3)		MIS Financial Information	20 December 2013

			Management Accounting System, Nov. 2013	
	Accounting System Procurement Specification (Month 5)		MIS-ERP System Evaluation. Financial Information System	20 December 2013
Project Completion Report	In accordance with ADB's format	Final Project Completion By End Month 39		

Workshop Reports

1	Report on The Workshop on Legal Institutional Reform	11 th September 2012
2	Workshop content proposal new integrated Act	9 th December 2012
3	Report on The Workshop on Planning March 5-7, 2013	05 th April 2013
4	Workshops to review in detail the proposed new Organization for CAAN as Regulator and NAANSA as Service Provider	September 24 to October 8, 2013 (16 sessions)
5	Workshop on Civil Aviation Integrated Act	28 th March 2014

Air Transport Capacity Enhancement Project

Status of Ongoing Contract Packages

(April-June, 2014)

S.N.	Description	Contractor	Contract Amount (US Dollars)	Agreement Date	Completion Date	Physical Progress (%)			Financial Progress (NRS/USD)		Problems Affecting Work Progress	Actions Proposed to Address Problems
						Cumulative Progress (As of Mar 2014)	This Qtr Progress (As of June 2014)	Deviation against Work Plan	This Qtr Progress	Cumulative Progress		
1	ICB-02:Supply and Installation of CNS and ATM Equipment at TIA and Lukla Airport	EMTE Sistemas S.A. U., Spain	3.082 Million	8/1/2012	10-Dec-13	100			0.45	US\$ 3.03 million	None	
2	ICB-01: Airside Infrastructure Development and Landside Terminal Improvement at TIA,	Constructora Sanjose S.A., Spain	61.11 Million	12/21/2012	16-Mar-16	6.17	2.65	5.67	2.32	US\$ 14.51 million	Slow execution of work	Action Plan set to attain 30% progress till December 2014

Note: ICB-02 contract under DLP from March 17, 2014

Status on Agreed Action Plan with Project Review and Hand-over Mission of April 2014

There was no agreed action plan related to ATCEP with Project Review and Hand-over Mission.

Status on Agreed Action Plan with Review Mission of February 2014

Action	Responsible	Timeline
Revise and submit the work program ¹	ICB-01 Contractor, DDCS and CAAN	By March 31, 2014
Request for additional frequency at Nepalgunj RCAG ²	CAAN & ADB	By March 31, 2014
Request for additional cost of consultant's services for supervision of Night Work ³	DDCS and CAAN	By March 31, 2014

¹The Contractor submitted Fifth Revised Master Work Program on March 04, 2014. After review and further discussions with the Contractor, it was provisionally accepted as Master Work Schedule (V02) on April 08, 2014 by DDCS Consultant. The Contractor will submit Supporting Report describing the revised methods which the Contractor proposes to adopt in order to expedite progress and complete within the scheduled Time for Completion.

²The proposal was submitted to CAAN by DDCS Consultant on March 27, 2014.

³The proposal will be submitted later once the Contractor's Night Work program will be approved.

Status on Agreed Action Plan with Review Mission of June 2011

Procurement – ICB-01 Works: Airside Infrastructure and Landside Terminal Works

No.	Activity	Para	Days	Timeframe	Action By
	Procurement action plan with key objectives to be achieved within the next 12-month period for ICB-01:	4	Total 278		
1	Draft PQ Documents and Bidding Document			15-Jul-11	CAAN
2	ADB Review		21	05-Aug-11	ADB
3	Final Revisions		9	14-Aug-11	CAAN
4	Advertise Invitation For PQ in Newspaper/ADBBO		1	15-Aug-11	CAAN
5	Preparation of PQs		45	29-Sep-11	External
6	Submission of PQs/Public Opening		1	30-Sep-11	CAAN
7	TEC Evaluate PQs		30	30-Oct-11	CAAN
8	ADB Review and No Objection		21	20-Nov-11	ADB
9	Finalize Bidding Documents for Prequalified Bidders		13	03-Dec-11	CAAN
10	Issue Invitation for Bids from Prequalified Bidders		1	04-Dec-11	CAAN
11	Preparation of Bids		45	18-Jan-12	CAAN
12	Submission of Bids/Public Opening		1	19-Jan-12	CAAN
13	TEC Evaluate Bids		21	09-Feb-12	CAAN

14	ADB Review and No Objection		21	01-Mar-12	ADB
15	Issue Notice of Award		1	02-Mar-12	CAAN
16	Contract Signing/Bid Security		15	17-Mar-12	CAAN
17	Send Signed Contract to ADB for Record		1	18-Mar-12	CAAN
18	Issue Notice to Proceed		1	19-Mar-12	CAAN
19	Contractor Mobilization		30	18-April-12	Contractor

Procurement – ICB-02: Supply and Installation of CNS and ATM Equipment at TIA and Lukla

No.	Activity	Para	Days	Timeframe	Action By
	Procurement action plan with key objectives to be achieved within the next 12-month period for ICB-02:	4	Total 232		
1	Draft Bidding Document			15-Jul-11	CAAN
2	ADB Review		21	05-Aug-11	ADB
3	Final Revisions (including BOQ and Specifications)		57	01-Oct-11	CAAN
4	Advertise Invitation For Bids in Newspaper/ADBBO		3	04-Oct-11	CAAN
5	Preparation of PQs		45	18-Nov-11	External
6	Submission of Bids/Public Opening (Technical Envelope)		1	19-Nov-11	CAAN
7	TEC Evaluate Technical Bids		21	10-Dec-11	CAAN
8	ADB Review and No Objection		14	24-Dec-11	ADB
9	Public Opening (Financial Envelope)		3	27-Dec-11	CAAN
10	TEC Evaluate Technical Bids		14	04-Dec-11	CAAN
11	ADB Review and No Objection		14	18-Jan-12	ADB
12	Issue Notice of Award		1	19-Jan-12	CAAN
13	Contract Signing/Security		15	09-Feb-12	CAAN
14	Send Signed Contract to ADB for Record		1	01-Mar-12	CAAN
15	Issue Notice to Proceed		1	02-Mar-12	CAAN
16	Contractor Mobilization		21	17-Mar-12	Contractor

Investment Component-Detail Engineering Design

The Mission, CAAN and the Consultant confirmed the scope of detail engineering design in keeping with the targeted improvement identified during the project processing stage. CAAN proposed modifications for consideration as summarized below:	Para 5
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Pkg.*	Description	Reason	Proposed Action
ICB-1: (new item)	Add-Removal of the existing domestic terminal building, and constructing an extra parking apron bay for international.	To urgently cater for the needs of an extra parking bay for International aircraft.	Include in the detail design as option
ICB-1: SC-11	Modify-delete New Sewage Treatment Plant and add rehabilitation of existing treatment pond for further use	Existing treatment pond could be utilized further with clean-up and maintenance	Include in the detail design as option
ICB-1: S1-3	Modify-planned configuration of new hangar area for domestic airlines	Buddha Air Hangar is under construction (completion stage) in the planned Hangar area and a temporary helicopter pad is already constructed in the planned maintenance area.	Adapt and reconfigure the planned Hangar and maintenance area including options to relocate the temporary Helipad
ICB-02: S2-2	Modify-Reduce the temporary domestic terminal area from 10,000 to 8,500 sqm	Reduced floor area is sufficient to meet the projected demand and will facilitate additional airside space for domestic aircraft parking	Re-confirm spatial demand and include in the detail design as option
ICB-3: S3-1	Delete-Automated Airport Weather Observation System (AWOS)	Newly installed in 2010	Confirm and delete
ICB-3: S3-1	Delete-CCTV	New CCTV installed in the existing facilities by TIACAO	Confirm and delete
ICB-3:	Air Traffic Control (ATC) Automation	To remove the manual workload of	Include in the detail

(new item)	System	Air Traffic Controller thus enhancing safety	design as option
ICB-3: (new item)	New Console and Renovation of VFR Room of Control Tower	Opportune time to refurbish the whole console when upgrading the VHS/VCCS equipments	Include in the detail design as option
*Original package and serial number			

Work Packages and Bidding Procedures

CAAN and the Mission discussed the possibility of combining ICB-01 (Airside Infrastructure Improvements at TIA, Simikot and Rara) and ICB-02 (Landside Terminal Works at TIA), and agreed that the combined bid package is likely to enhance the potential of interests by qualified international contractors and offer cost saving opportunity due to economy of scale and reduction of contractor's overhead costs. The proposed combination is reflected in the updated procurement plan in PAM and will be subject to confirmation upon ADB's formal review and approval. The Mission will facilitate the necessary ADB review process.	Para 10 & 11
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Capacity Development Component - Consulting Services

No.	Activity	Para	Days	Timeframe	Action By
	The following timeframe was agreed to expedite the next selection steps as follows:	12	Total 88		
1	Submission (2) to ADB: Technical Evaluation			08-Jul-11	CAAN
2	ADB's Review & No-Objection		14	22-Jul-11	ADB
3	Public Opening of the Financial Proposals		3	25-Jul-11	CAAN
4	Submission (3) to ADB: Financial Evaluation/Ranking		14	08-Aug-11	CAAN
5	ADB's Review & No-Objection		10	18-Aug-11	ADB
6	Invite 1st Ranked Firm-Negotiate/Draft Contract		10	28-Aug-11	CAAN
7	Submission (4) to ADB: Draft Negotiated Contract		5	02-Sep-11	CAAN
8	ADB's Review & No-Objection		5	07-Sep-11	ADB
9	Contract Signing & Issue Notice to Proceed		5	12-Sep-11	CAAN
10	Submission (5) to ADB: Signed Contract		1	13-Sep-11	CAAN
11	Consultant Mobilization		21	04-Oct-11	Consultant

In support of the agreed 12-month procurement action plan, the Consultants' activities and outputs will be streamlined as summarized below:	Para 9
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	Output	Timeframe
	Inception Report	May/2011-Done
ICB-01 Works (Airside Infrastructure and Landside Terminal Facilities)		
1A	Draft PQ Document and Bidding Document	15 July 2011
1B	Revised PQ Document: -Incorporate ADB Comments -Assist CAAN with issuing, addressing clarifications as necessary, and conducting opening	15August 2011
1C	Interim Design Report: -Detail Cost Estimate of the Original Scope and Additional Scope/Options -Recommended refined and optimized scope within the available funding envelope	15 September 2011
1D	PQ Evaluation Report	30 October 2011
1E	Final Bidding Documents (for finalized scope): -Detail Design Drawings, BOQs, and Specifications	15 November 2011

1F	Bidding Procedure: -Assist CAAN with issuing, addressing clarifications, and opening	03 December 2011 to 19 January 2012
1G	Bid Evaluation Report	09 February 2012
1H	Assist CAAN with Pre-Construction Activities: -Issue Notice of Award -Contract Signing/Bid Security -Issue Notice to Proceed -Contractor Mobilization	Mar/Apr 2012
ICB-02 Supply and Installation (CNS/ATM at TIA and Lukla)		
2A	Draft bidding Document	15 July 2011
2B	Interim Design Report: -Detail Cost Estimate of the Original Scope and Additional Scope/Options -Recommended refined and optimized scope within the available funding envelope	15 September 2011
2C	Final Bidding Documents (for finalized scope): -Detail Design Drawings, BOQs, and Specifications	01 October 2011
2D	Bidding Procedure: -Assist CAAN with issuing, addressing clarifications, and opening	04 October 2011 27 December 2011
2E	Bid Evaluation Report (Technical)	10 December 2011
2F	Bid Evaluation Report (Financial and Technical)	10 January 2012
2G	Assist CAAN with Pre-Construction Activities: -Issue Notice of Award -Contract Signing/Bid Security -Contractor Mobilization	Jan/Mar 2012
Final Report for Design Stage		April 2012

Status of Compliance with Loan and Grant Covenants

No	Covenants	Reference in Financing Agreement	Status of Compliance
Project Execution Arrangements			
1.	Project Coordination Unit and Project Implementation Units The Beneficiary shall designate CAAN as the Project Executing Agency. CAAN shall establish and maintain a Project Coordination Unit (PCU) that carries responsibility for overall project management and two Project Implementation Units (i.e. PIU-Infrastructure and PIU-Capacity Development) for respective components. The PIUs will carry day-to-day responsibility for execution and monitoring of respective project components. CAAN shall keep the PCU and PIUs equipped with adequate office space, facilities, equipment, support staff and MIS for the entire duration of the Project.	Schedule 5, Para. 1 to 7	Being complied.
General Project Implementation Matters			
2.	Counterpart Funds and Financial Sustainability a) The Beneficiary shall make available or shall cause CAAN to make available, all counterpart funds for timely and effective implementation of the Project, including any funds required to make land available for the Project, to mitigate unforeseen environmental and social impacts and to meet additional costs arising from design changes, price escalation in construction costs and/or unforeseen circumstances; b) CAAN shall maintain a debt service coverage ratio of at least 1:3.	Schedule 5, Para 8 and 10	Being complied.
3.	Operation and Maintenance of Project Facilities CAAN shall develop and implement a year-round program for preventive and routine maintenance of the Project facilities. Beneficiary and CAAN shall ensure that the sufficient funds are provided to meet the operation and maintenance of these facilities on annual basis.	Schedule 5, Para. 11	Being complied.
4	Environmental Safeguards The Beneficiary shall ensure, and cause CAAN to ensure that: a) the Project is carried out as per the project design	Schedule, Para 12	Being complied

	and construction and operations comply the applicable laws and regulations of the Beneficiary, the Safeguard Policy and the IEE including the EMP; b) the environmental mitigation measures specified in the EMP are incorporated in bidding documents and contract agreement; c) Works contractors are closely supervised to ensure proper implementation of mitigation and management measures; d) Quarterly progress reports include a summary assessment on implementation of EMP and relevant mitigation measures; e) Monitoring report on EMP implementation and measures adopted to address environmental issues, if any are prepared and submitted annually to ADB.		
5.	Land Acquisition, Resettlement and Indigenous Peoples: The Beneficiary shall ensure, and cause CAAN to ensure, that: (a) the Project does not require resettlement or land acquisition; (b) the Project does not affect indigenous peoples; (c) in the unforeseen event that the Project does require resettlement or land acquisition or affects indigenous peoples the Project complies with the applicable laws and regulations of the Beneficiary, the Safeguard Policy, and agrees to any amendments to the Project agreement and financial agreement reflecting the compliance requirements.	Schedule 5, Para. 13 and 14	Being complied.
6.	Labor Law and Social Protection and Gender The Beneficiary shall ensure, and cause CAAN to ensure, that the Works contractors: (a) comply with all applicable labor laws and regulations; (b) do not differentiate wages between men and women for work of equal value; (c) do not employ child labor; (d) eliminate forced or compulsory labor; (e) eliminate discrimination in respect of employment; (f) provide appropriate facilities for women and children in construction campsites; (g) to the extent possible, employment of local poor and disadvantaged persons for construction purposes; and (h) disseminate information on worksites on the risks of sexually transmitted diseases and HIV/AIDS for those employed during construction.	Schedule 5, Para 15, 16 and 17	Being complied.

7.	Anticorruption and Transparency a) The Beneficiary and CAAN shall: (a) comply with ADB's Anticorruption Policy (1998, as amended to date) and acknowledge that ADB reserves the right to investigate directly, or through the representative, any alleged corrupt, fraudulent, collusive or coercive practice relating to the Project; and (b) cooperate with any such investigation and extend all necessary assistance for satisfactory completion of such investigation. b) CAAN will request National Vigilance Center (NVC) to appoint auditors acceptable to ADB to perform technical audits on the Project.	Schedule 5, Para. 18 to 20	Being complied.
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Major Issues and Proposed Action

A. Status of Three Critical Actions of Last Three Months (April-June, 2014)

Issues	Actions	Responsibility	Time Frame
Establishment of Engineer's Laboratory	Completion of supply of Lab Equipment and commissioning of the Engineer's Laboratory.	Contractor/ Engineer	The Contractor failed to complete the lab equipment and commissioning of Laboratory. Total delay caused is 10.5 months.
Effective execution of physical works of all components by ICB-01 Contractor	- Supply of approved construction materials and identification of other fill materials sources by Contractor. - Production of Aggregates for concrete and pavement from Aggregate Crushing Plant in required quantity; - Commissioning of Concrete Batching Plants by the Contractor - Commissioning of Asphalt Plant (80 TPH) by the Contractor. - Acceleration of Work Progress by the Contractor. Major Indicators: A03: Soil improvement in runway extension area and subgrade filling A04: Embankment Filling (to achieve cumulative 300,000 cum as per revised target of the Contractor before Monsoon season) A05: <u>A03</u>: Runway Drainage (RCC box drains – RE-2b (sections RE-BC1, RE-BC2, RE-BC3 & RE-BC4); covered masonry drain – RE-2a, open drain (RE-1a), etc); <u>A04</u>: sub-surface drains (East-West Line and Creek Line), Outlet O-1 and Outlet Drain from Golf Course).	Contractor/Consultant	- Supply of Fill materials has slowed down since June 6, 2014. - Production of aggregates started from April, 2014. However, the Contractor is still using aggregate material from outside source (e.g. Ghampe Khola). - Old Plant (35 TPH) was commissioned from April, 2014. The installation of new Plant (65 TPH) was delayed. - The commissioning of plant was not completed - To continue. - Only soil improvement trial with geo-composite was carried out in June, 2014. 300000 m³ filling was achieved. - Limited progress only

	- A12-8: Completion of CAA Road and earthworks in ITB Access Road - B01: Gate Lounge Area: Foundation of Grid 11 and 12; Arrival Baggage Claim Area: Retaining wall		CAA road was completed with temporary base course and opened as diversion to CAA. Earth fill continued in ITB access road. Limited progress
Installation of CNS and ATM Equipment at TIA and Lukla Airport by ICB- 02 Contractor (Contract complete and under DLP)	• Issue Completion Certificates to the Contractor and Handover all CNS/ATM Equipment to Employer		Completion certificates issued. Handover delayed awaiting full fledged operation of equipment. Performance monitoring of equipment operation is continuing.

B. Three Critical Actions proposed for Next Three Months (July-September, 2014)

Issues	Actions	Responsibility	Time Frame
Establishment of Engineer's Laboratory	▪ Completion of supply of Lab Equipment and commissioning of the Engineer's Laboratory.	Contractor/ Engineer	• July-August, 2014. Alternate course of action will be taken in case further delay.
Effective execution of physical works of all components by ICB-01 Contractor	▪ Supply of approved construction materials and identification of additional fill materials sources by Contractor. ▪ Management of aggregate production from Aggregate Crushing Plant ▪ Commissioning of Concrete Batching Plants by the Contractor; ▪ Commissioning of Asphalt Concrete Plant by the Contractor. ▪ Mobilization of further construction equipment by the Contractor ▪ Acceleration of Work progress by the Contractor. - A03: Soil improvement in runway extension area and	Contractor/ Engineer	• To continue with greater effort • August, 2014 • July/August, 2014 • August, 2014 • More equipment (e.g. rollers, graders) to be mobilized to site by the Contractor to increase the progress of embankment filling in A04). • Action Plan set to achieve 30% progress by December, 2014. - To complete 10,000 m² in August/September

	subgrade filling - A04: Embankment Filling (to achieve cumulative 440000 cum as per revised target of the Contractor before Monsoon season) - A05: <u>A03</u>: Runway Drainage (RCC box drains – 70% of RE-2b (sections RE-BC1, RE-BC2, RE-BC3 & RE-BC4); covered masonry drain –100% RE-2a, 70% open drain (RE-1a and RE-1b), etc); <u>A04</u>: sub-surface drains (90% East-West Line and 30% Creek Line), 80% Outlet O-1 and Outlet Drain from Golf Course). - A12-8: Completion of Earthworks in ITB Access Road - B01: Structural Concrete Work – 30% of Gate Lounge Area: - 80% of Retaining wall at Arrival Baggage Claim Area		- September, 2014 - September, 2014 - September, 2014 - September, 2014
Installation of CNS and ATM Equipment at TIA and Lukla Airport by ICB- 02 Contractor	• Handover all CNS/ATM Equipment to Employer. Operational acceptance pending rectification of faults in microwave and ATC automation. Rectification on-going by the Contractor.	Contractor/ Engineer/ Employer	• August/September, 2014

Annex – A: Project Coordination Unit and Project Implementation Unit

Project Implementation Structure	Major Positions (Vacancy/ Position)			
	Director/Manager/Coordinator (Status)	Procurement (Status)	Safeguard (Status)	Accountant (Status)
Project Coordination Unit	0/1	0/0	0/1	0/2
Project Implementation Unit - Infrastructure	0/1	0/5	0/0	0/0
Project Implementation Unit – Capacity Development	0/1	0/5	0/0	0/0
Total :Number of Vacancy				
Average Turnover (Months)	0			
Total Turnover (No. times)	0			

The staff status for the project is as shown in the following table.

Project Coordination Unit											
[1A] Project Coordinating Director			Month	[1B] Environment and Social Officer			Mo nth	[1C] Chief Project Accountant			Month
	Dates				Dates				Dates		
	From	To			From	To			From	To	
S.K. Shrestha	23-Nov-09	31-May-13	42.2	Murari Bhandari	23-Nov-09	31-May-13	42.2	Bishnu P. Marasini	23-Nov-09	31-May-13	42.2
No. of Changes: 0				No. of Changes: 0				No. of Changes: 0			
[1D] Assistant Accountant			Month								
Dates		From		To							
Not yet	Appointment by Sep, 2012										
No. of Changes: 0											
Project Implementation Unit- Infrastructure											
[2A] Project Director			Month	[2B] Deputy Project Director (Senior Civil Engineer)			Mo nth	[2C] Civil Engineer 1			Month
	Dates				Dates				Dates		
	From	To			From	To			From	To	
Prem Raj Lohani	23-Nov-09	9-Jun-10	6.5	Dhurba D. Bhochhibhoya	23-Nov-09	9-Jun-10	6.5	Mahendra Lal Koju	23-Nov-09	31-May-13	42.2
Dhurba D. Bhochhibhoya	10-Jun-10	1-Jul-11	12.7	Er. Okil Kumar Chimauriya	20-May-11	31-May-13	24.4	Er. Okil Kumar Chimauriya	16-Dec-13		
Dr. Punya Raj Shakya	2-Jul-11	31-May-13	23.0	Er. Ananta Kumar Devkota	19-Sep-13	6-Dec-13		Er. Dipendra Shrestha	23-Dec-2013		
No. of Changes: 2				No. of Changes: 1				No. of Changes: 0			

[2D] Civil Engineer 2	Dates		Month	[2E] Elec./Mech. Engineer	Dates		Month	[2F] CNS/ATM Engineer	Dates		Month
	From	To			From	To			From	To	
Rajendra Shrestha	23-Nov-09	31-May-13	42.2	Sunil K. Kusawaha (As a Counter Part)	1-Sep-11	31-May-13	21.0	Sanjiv Singh Kathayat (As a Counter Part)	1-Sep-11	31-May-13	21.0
No. of Changes: 0				No. of Changes: 2				No. of Changes: 1			

Project Implementation Unit- Capacity Development

[3A] Project Manager	Dates		Month	[3B] Assistant Project Manager	Dates		Month	[3C] Corporate Financial/Ac countant	Dates		Month
	From	To			From	To			From	To	
Dr. Punya Raj Shakya	1-Sep-11	31-May-13	21.0	Bijaya Kumar Sthapit	1-Mar-12	31-May-13	15.0	Sunil Mool	1-Mar-12	31-May-13	15.0
No. of Changes: 0				No. of Changes: 0				No. of Changes: 0			

[3D] Human Resource	Dates		Month	[3E] Legal/Instituti onal	Dates		Month	[3F] Airport Dev. Planning and Private Sector.	Dates		Month
	From	To			From	To			From	To	
Manju Poudel (As a Counter Part)	1-Mar-12	31-May-13		Rajan Pokharel (As a Counter Part)	1-Mar-12	31-May-13	15.0	Baburam Paudel (As a Counter Part)	1-Mar-12	31-May-13	15.0
No. of Changes: 0				No. of Changes: 0				No. of Changes: 0			

AIRSIDE INFRASTRUCTURE AND LANDSIDE TERMINAL IMPROVEMENT AT TIA, SIMIKOT AND RARA AIRPORTS (ICB-01): REVISED MASTER WORK SCHEDULE (REV02) UPDATED FOR THE YEAR 2014's 2ND QUARTERLY PROGRESS REPORT

ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
1	ICB-01: AIRSIDE INFRASTRUCTURE & LANDSIDE TERMINAL IMPROVEMENT AT TIA, SIMIKOT AND RARA AIRPORTS	893 days	Sun 17/03/13	Tue 15/03/16	Sun 17/03/13	NA	Sun 17/03/13	Fri 13/05/16	0%	0%				
2	KEYDATES & MILESTONES	893 days	Sun 17/03/13	Tue 15/03/16	Sun 17/03/13	NA	Sun 17/03/13	Fri 13/05/16	0%	0%				
3	Comencement Date	0 days	Sun 17/03/13	Sun 17/03/13	Sun 17/03/13	Sun 17/03/13	Sun 17/03/13	Sun 17/03/13	100%	100%				
4	Damages for Delay Milestones (Required by Employer)	743.38 days	Fri 14/06/13	Tue 15/03/16	Thu 07/11/13	NA	Thu 07/11/13	Fri 13/05/16	0%	0%				
5	Completion of Employer's & Engineer's Office specified in Spec 10 050	0 days	Fri 14/06/13	Fri 14/06/13	Thu 07/11/13	Thu 07/11/13	Thu 07/11/13	Thu 07/11/13	100%	100%				
6	Completion of entire part of Component-A: Airside Infrastructure at TIA excluding A00 and A12-8	0 days	Tue 15/03/16	Tue 15/03/16	NA	NA	Fri 13/05/16	Fri 13/05/16	0%	0%				
7	Completion of Component A12-8: Access Road for ITB Expansion	0 days	Sun 10/11/13	Sun 10/11/13	NA	NA	Thu 26/02/15	Thu 26/02/15	0%	0%				
8	Completion of Component B: Landside Terminal at TIA	0 days	Sun 13/09/15	Sun 13/09/15	NA	NA	Thu 31/12/15	Thu 31/12/15	0%	0%				
9	Completion of Component C: Works at Simikot & Rara Airports	0 days	Mon 16/03/15	Mon 16/03/15	NA	NA	Thu 07/04/16	Thu 07/04/16	0%	0%				
10	Completion of Evaluation and Design of Pavement Improvement specified in Specification 20 126 & some extra works	0 days	Thu 27/03/14	Thu 27/03/14	Thu 27/03/14	Thu 27/03/14	Thu 27/03/14	Thu 27/03/14	100%	100%	◆ 27/03			
11	PROJECT INITIATION & MOBILIZATION ((A00-SCHEDULE UNDER SPECIFICATIONS 10 000 : GENERAL REQUIREMENTS)	324 days	Sun 17/03/13	Fri 11/04/14	Sun 17/03/13	Fri 23/05/14	Sun 17/03/13	Fri 23/05/14	100%	0%				
12	Contractor's Facilities	29 days	Sun 17/03/13	Sun 21/04/13	Sun 17/03/13	Thu 18/04/13	Sun 17/03/13	Thu 18/04/13	100%	100%				
13	Employer's/Engineer's Facilities	118 days	Sun 17/03/13	Sun 12/05/13	Sun 17/03/13	Tue 24/09/13	Sun 17/03/13	Tue 24/09/13	100%	0%				
21	Office Refurbishing Works	68.63 days	Tue 02/04/13	Fri 14/06/13	Sun 18/08/13	Thu 07/11/13	Sun 18/08/13	Thu 07/11/13	100%	0%				
25	Laboratory Building	241 days	Tue 02/04/13	Fri 11/04/14	Sun 18/08/13	Fri 23/05/14	Sun 18/08/13	Fri 23/05/14	100%	0%				23/05
54	Miscellaneous Works	59 days	Sun 17/03/13	Thu 23/05/13	Sun 17/03/13	Wed 22/05/13	Sun 17/03/13	Wed 22/05/13	100%	100%				
55	COMPONENT A: AIRSIDE INFRASTRUCTURE	849 days	Sun 17/03/13	Tue 15/03/16	Tue 07/05/13	NA	Tue 07/05/13	Fri 13/05/16	0%	0%				
56	A00 GENERAL REQUIREMENTS CIVIL WORKS	211.88 days	Wed 27/03/13	Thu 27/03/14	Wed 22/05/13	Thu 27/03/14	Wed 22/05/13	Thu 27/03/14	100%	0%			27/03	
57	EVALUATION & DESIGN OF PAVEMENT	211.88 days	Wed 27/03/13	Thu 27/03/14	Wed 22/05/13	Thu 27/03/14	Wed 22/05/13	Thu 27/03/14	100%	0%			27/03	
69	A03 RUNWAY EXTENSION AREA	584 days	Wed 22/05/13	Tue 21/04/15	Wed 22/05/13	NA	Wed 22/05/13	Wed 26/08/15	10%	0%				
70	DELIVERABLES	290 days	Wed 22/05/13	Thu 21/08/14	Wed 22/05/13	NA	Wed 22/05/13	Wed 20/08/15	10%	0%				
71	Submission & Approval of Shop Drawings	290 days	Wed 22/05/13	Thu 21/08/14	Wed 22/05/13	NA	Wed 22/05/13	Wed 20/08/15	50%	50%				
72	Submission & Approval of Method Statements	240 days	Sun 25/08/13	Thu 29/05/14	Fri 23/08/13	NA	Fri 23/08/13	Wed 28/05/14	70%	70%				28/05
73	PROCUREMENT	280 days	Thu 06/06/13	Mon 25/08/14	Thu 06/06/13	NA	Thu 06/06/13	Mon 25/08/15	10%	0%				
74	Construction materials delivery at site	280 days	Thu 06/06/13	Mon 25/08/14	Thu 06/06/13	NA	Thu 06/06/13	Mon 25/08/15	25%	25%				
75	CONSTRUCTION	544 days	Wed 22/05/13	Tue 10/03/15	Wed 22/05/13	NA	Wed 22/05/13	Thu 14/05/15	10%	0%				
76	RUNWAY EXTENSION AREA 1	535 days	Wed 22/05/13	Sun 01/03/15	Wed 22/05/13	NA	Wed 22/05/13	Tue 05/05/15	10%	0%				
77	Preliminary Works	59.38 days	Wed 22/05/13	Wed 25/09/13	Wed 22/05/13	Tue 24/09/13	Wed 22/05/13	Tue 24/09/13	100%	0%				

Project: ICB-01
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Duration-only

◆

Manual Summary Rollup

Manual Summary

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Deadline

Critical

Critical Split

Progress

AIRSIDE INFRASTRUCTURE AND LANDSIDE TERMINAL IMPROVEMENT AT TIA, SIMIKOT AND RARA AIRPORTS (ICB-01): REVISED MASTER WORK SCHEDULE (REV02) UPDATED FOR THE YEAR 2014's 2ND QUARTERLY PROGRESS REPORT

ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
82	Drainage Works	305.75 day	Sun 20/10/13	Wed 31/12/14	Sun 20/10/13	NA	Sun 20/10/13	Tue 25/11/14	0%	0%				
83	Preliminary Works	123.75 day	Sun 20/10/13	Mon 17/03/14	Sun 20/10/13	Mon 17/03/14	Sun 20/10/13	Mon 17/03/14	100%	0%				
87	Sub-Surface Drainage Works	85.92 days	Tue 01/04/14	Thu 08/05/14	Mon 03/02/14	NA	Mon 03/02/14	Wed 07/05/14	10%	0%				
88	Perimetral Road sub-surface drainage works	33 days	Tue 01/04/14	Wed 07/05/14	Mon 03/02/14	NA	Mon 03/02/14	Tue 06/05/14	69%	69%				
89	Runway extension area sub-surface drainage works	33 days	Tue 01/04/14	Wed 07/05/14	Mon 03/02/14	NA	Mon 03/02/14	Mon 10/03/14	20%	20%				
90	Consultant's Inspections & Approvals	1 day	Wed 07/05/14	Thu 08/05/14	NA	NA	Tue 06/05/14	Wed 07/05/14	0%	0%				
91	Surface Drainage Works	276.5 days	Wed 11/12/13	Wed 31/12/14	Wed 04/12/13	NA	Wed 04/12/13	Tue 25/11/14	0%	0%				
92	Drain line RE-1a construction works	130 days	Wed 11/12/13	Fri 02/05/14	Wed 11/12/13	NA	Wed 11/12/13	Wed 30/04/14	55%	55%				
93	Drain line RE-1b construction works	105 days	Sun 22/12/13	Tue 15/04/14	Wed 04/12/13	NA	Wed 04/12/13	Thu 27/03/14	47%	47%				
94	Drain line RE-2a construction works	130 days	Sun 12/01/14	Sun 01/06/14	Mon 23/12/13	NA	Mon 23/12/13	Tue 13/05/14	47%	47%				
95	Drain Line RE-2b	150.75 day	Sun 12/01/14	Fri 13/06/14	Thu 12/12/13	NA	Thu 12/12/13	Fri 23/05/14	0%	0%				
96	Excavation works	25 days	Sun 12/01/14	Thu 06/02/14	Thu 12/12/13	Thu 09/01/14	Thu 12/12/13	Thu 09/01/14	100%	100%				
97	Box drain RE-BC1 construction works	30 days	Tue 01/04/14	Mon 05/05/14	Sun 23/03/14	NA	Sun 23/03/14	Wed 30/04/14	36%	36%				
98	Box drain RE-BC2 construction works	30 days	Thu 17/04/14	Tue 20/05/14	Thu 27/03/14	NA	Thu 27/03/14	Thu 08/05/14	36%	36%				
99	Box drain RE-BC3 construction works	30 days	Mon 05/05/14	Wed 04/06/14	Fri 11/04/14	NA	Fri 11/04/14	Wed 14/05/14	36%	36%				
100	Box drain RE-BC4 construction works	24 days	Tue 20/05/14	Fri 13/06/14	Mon 28/04/14	NA	Mon 28/04/14	Fri 23/05/14	5%	5%				
101	Drain line RE-2c construction works	30 days	Wed 07/05/14	Sun 08/06/14	NA	NA	Tue 01/04/14	Sun 04/05/14	0%	0%				
102	Drain line RE-2d construction works	24 days	Sun 19/10/14	Wed 12/11/14	NA	NA	Sun 14/09/14	Wed 08/10/14	0%	0%				
103	Drain line RE-2e construction works	35 days	Wed 07/05/14	Thu 12/06/14	NA	NA	Tue 01/04/14	Fri 09/05/14	0%	0%				
104	Drain line RE-2f construction works	24 days	Wed 07/05/14	Mon 02/06/14	NA	NA	Tue 01/04/14	Sun 27/04/14	0%	0%				
105	Junction RE-3a construction works	20 days	Thu 22/05/14	Wed 11/06/14	Wed 16/04/14	NA	Wed 16/04/14	Thu 08/05/14	5%	5%				
106	Junction RE-3b construction works	20 days	Thu 22/05/14	Wed 11/06/14	Wed 16/04/14	NA	Wed 16/04/14	Thu 08/05/14	5%	5%				
107	Manhole MH-01 construction works	20 days	Sun 11/05/14	Sun 01/06/14	Mon 21/04/14	NA	Mon 21/04/14	Tue 13/05/14	5%	5%				
108	Manhole MH-02 construction works	20 days	Sun 11/05/14	Sun 01/06/14	Mon 21/04/14	NA	Mon 21/04/14	Tue 13/05/14	5%	5%				
109	Manhole MH-03 construction works	20 days	Sun 11/05/14	Sun 01/06/14	Mon 21/04/14	NA	Mon 21/04/14	Tue 13/05/14	5%	5%				
110	Manhole MH-04 construction works	20 days	Fri 11/04/14	Mon 05/05/14	Tue 08/04/14	NA	Tue 08/04/14	Wed 30/04/14	5%	5%				
111	Manhole MH-05 construction works	20 days	Fri 11/04/14	Mon 05/05/14	Tue 08/04/14	NA	Tue 08/04/14	Wed 30/04/14	5%	5%				
112	Manhole MH-06 construction works	20 days	Mon 28/04/14	Tue 20/05/14	Wed 16/04/14	NA	Wed 16/04/14	Thu 08/05/14	5%	5%				
113	Manhole MH-07 construction works	20 days	Mon 28/04/14	Tue 20/05/14	Wed 16/04/14	NA	Wed 16/04/14	Thu 08/05/14	5%	5%				
114	Manhole MH-08 construction works	20 days	Thu 15/05/14	Wed 04/06/14	Wed 23/04/14	NA	Wed 23/04/14	Wed 14/05/14	5%	5%				
115	Manhole MH-09 construction works	20 days	Thu 15/05/14	Wed 04/06/14	Wed 23/04/14	NA	Wed 23/04/14	Wed 14/05/14	5%	5%				
116	Manhole MH-10 construction works	20 days	Sun 25/05/14	Fri 13/06/14	Sun 04/05/14	NA	Sun 04/05/14	Fri 23/05/14	5%	5%				
117	Junction RE-4 construction works	20 days	Wed 12/11/14	Wed 03/12/14	NA	NA	Wed 08/10/14	Wed 29/10/14	0%	0%				
118	Drain line RE-4a construction works	15 days	Wed 12/11/14	Thu 27/11/14	NA	NA	Wed 08/10/14	Fri 24/10/14	0%	0%				
119	Drain line RE-4b construction works	15 days	Thu 27/11/14	Fri 12/12/14	NA	NA	Fri 24/10/14	Sun 09/11/14	0%	0%				

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AIRSIDE INFRASTRUCTURE AND LANDSIDE TERMINAL IMPROVEMENT AT TIA, SIMIKOT AND RARA AIRPORTS (ICB-01): REVISED MASTER WORK SCHEDULE (REV02) UPDATED FOR THE YEAR 2014's 2ND QUARTERLY PROGRESS REPORT

ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
120	Drain line RE-4c construction works	15 days	Sun 14/12/14	Tue 30/12/14	NA	NA	Sun 09/11/14	Mon 24/11/14	0%	0%				
121	Consultant's Inspections & Approvals	1 day	Tue 30/12/14	Wed 31/12/14	NA	NA	Mon 24/11/14	Tue 25/11/14	0%	0%				
122	Retaining Wall Works	75 days	Wed 17/09/14	Wed 03/12/14	NA	NA	Wed 11/06/14	Thu 30/10/14	0%	0%				11/06
130	Culverts Works	150 days	Thu 29/05/14	Mon 05/01/15	NA	NA	Thu 24/04/14	Sun 30/11/14	0%	0%		24/04		
136	Runway Works	433.38 day	Tue 08/10/13	Thu 29/01/15	Mon 07/10/13	NA	Mon 07/10/13	Thu 02/04/15	0%	0%				
137	Clearing and Grubbing	17 days	Tue 08/10/13	Wed 06/11/13	Mon 07/10/13	Wed 30/10/13	Mon 07/10/13	Wed 30/10/13	100%	100%				
138	Topsoil removal / storage works	37 days	Sun 10/11/13	Thu 05/12/13	Wed 27/11/13	Mon 06/01/14	Wed 27/11/13	Mon 06/01/14	100%	100%				
139	Excavation works	25 days	Mon 09/12/13	Mon 06/01/14	Tue 24/12/13	Tue 21/01/14	Tue 24/12/13	Tue 21/01/14	100%	100%				
140	Receipt of EI for Extra excavation works	0 days	Mon 17/03/14	Mon 17/03/14	Mon 17/03/14	Mon 17/03/14	Mon 17/03/14	Mon 17/03/14	100%	100%				
141	Extra excavation works	20 days	Tue 18/03/14	Mon 07/04/14	Mon 17/03/14	Sun 06/04/14	Mon 17/03/14	Sun 06/04/14	100%	100%				
142	Preparation of trial compaction for formation fill and GeoGrid	3 days	Mon 07/04/14	Thu 10/04/14	Wed 29/01/14	NA	Wed 29/01/14	Tue 08/04/14	90%	90%				
143	Filling works (including Geo-Grid)	30 days	Thu 10/04/14	Wed 14/05/14	Sun 08/06/14	NA	Sun 08/06/14	Thu 20/11/14	4%	4%				
144	Subgrade (CBR≥ 15%) filling works	14 days	Thu 15/05/14	Fri 30/05/14	NA	NA	Sun 23/11/14	Sun 07/12/14	0%	0%				
145	Crushed aggregate sub-base course (CBR>35%)	7 days	Fri 30/05/14	Fri 06/06/14	NA	NA	Sun 07/12/14	Sun 14/12/14	0%	0%				
146	Well graded crushed aggregate base course (CBR>80%)	7 days	Fri 06/06/14	Fri 13/06/14	NA	NA	Sun 14/12/14	Sun 21/12/14	0%	0%				
147	Asphalt treated base course	10 days	Tue 09/12/14	Fri 19/12/14	NA	NA	Fri 13/02/15	Mon 23/02/15	0%	0%				
148	Prime coat	3 days	Fri 19/12/14	Mon 22/12/14	NA	NA	Tue 24/02/15	Thu 26/02/15	0%	0%				
149	Asphalt concrete binder course	7 days	Fri 26/12/14	Sun 04/01/15	NA	NA	Mon 02/03/15	Mon 09/03/15	0%	0%				
150	Tack coat	3 days	Sun 04/01/15	Wed 07/01/15	NA	NA	Mon 09/03/15	Thu 12/03/15	0%	0%				
151	Asphalt concrete surface course	7 days	Sun 11/01/15	Sun 18/01/15	NA	NA	Sun 15/03/15	Mon 23/03/15	0%	0%				
152	Marking & air traffic signage works	7 days	Wed 21/01/15	Wed 28/01/15	NA	NA	Wed 25/03/15	Wed 01/04/15	0%	0%				
153	Consultant's Inspections & Approvals	1 day	Wed 28/01/15	Thu 29/01/15	NA	NA	Thu 02/04/15	Thu 02/04/15	0%	0%				
154	Perimetral Road Works	425.38 day	Tue 22/10/13	Thu 29/01/15	Mon 21/10/13	NA	Mon 21/10/13	Thu 02/04/15	0%	0%				
155	Clearing and Grubbing	10 days	Tue 22/10/13	Wed 06/11/13	Mon 21/10/13	Thu 31/10/13	Mon 21/10/13	Thu 31/10/13	100%	100%				
156	Topsoil removal / storage works	23 days	Sun 10/11/13	Fri 29/11/13	Wed 27/11/13	Fri 20/12/13	Wed 27/11/13	Fri 20/12/13	100%	100%				
157	Excavation works	12 days	Mon 09/12/13	Fri 20/12/13	Tue 24/12/13	Wed 08/01/14	Tue 24/12/13	Wed 08/01/14	100%	100%				
158	Preparation of trial compaction for formation fill	2 days	Mon 07/04/14	Wed 09/04/14	Wed 29/01/14	NA	Wed 29/01/14	Thu 30/01/14	50%	50%				
159	Formation (CBR≥ 5%) filling (embankment) works	40 days	Wed 09/04/14	Fri 23/05/14	Fri 24/01/14	NA	Fri 24/01/14	Fri 16/05/14	5%	5%				
160	Crushed aggregate sub-base course (CBR>35%)	14 days	Fri 23/05/14	Fri 06/06/14	NA	NA	Fri 16/05/14	Fri 30/05/14	0%	0%				
161	Well graded crushed aggregate base course (CBR>80%)	7 days	Fri 06/06/14	Fri 13/06/14	NA	NA	Sun 14/12/14	Sun 21/12/14	0%	0%				
162	Prime coat	3 days	Fri 19/12/14	Mon 22/12/14	NA	NA	Tue 24/02/15	Thu 26/02/15	0%	0%				
163	Asphalt concrete binder course	7 days	Fri 26/12/14	Sun 04/01/15	NA	NA	Mon 02/03/15	Mon 09/03/15	0%	0%				
164	Tack coat	3 days	Sun 04/01/15	Wed 07/01/15	NA	NA	Mon 09/03/15	Thu 12/03/15	0%	0%				
165	Asphalt concrete surface course	7 days	Sun 11/01/15	Sun 18/01/15	NA	NA	Sun 15/03/15	Mon 23/03/15	0%	0%				

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
166	Marking & traffic signage works	7 days	Wed 21/01/15	Wed 28/01/15	NA	NA	Wed 25/03/15	Wed 01/04/15	0%	0%				
167	Consultant's Inspections & Approvals	1 day	Wed 28/01/15	Thu 29/01/15	NA	NA	Thu 02/04/15	Thu 02/04/15	0%	0%				
168	CFR Section at RW-02	425.5 days	Tue 22/10/13	Thu 29/01/15	NA	NA	Mon 21/10/13	Thu 02/04/15	0%	0%				
182	Safety Area Works	446.5 days	Wed 25/09/13	Thu 29/01/15	Tue 24/09/13	NA	Tue 24/09/13	Thu 02/04/15	0%	0%				
183	✓ Clearing and Grubbing	31 days	Wed 25/09/13	Wed 06/11/13	Tue 24/09/13	Thu 31/10/13	Tue 24/09/13	Thu 31/10/13	100%	100%				
184	Levelling & filling of Safety Area	100 days	Tue 14/10/14	Wed 28/01/15	Sun 04/05/14	NA	Sun 04/05/14	Wed 01/04/15	20%	20%		04/05		
185	Consultant's Inspections & Approvals	1 day	Wed 28/01/15	Thu 29/01/15	NA	NA	Thu 02/04/15	Thu 02/04/15	0%	0%				
186	Airfield Lighting System Works	156.73 day	Wed 14/05/13	Sun 01/03/15	NA	NA	Thu 20/11/14	Tue 05/05/15	0%	0%				
239	Security Building Works	215.25 day	Wed 06/11/13	Sun 14/09/14	Thu 30/01/14	NA	Thu 30/01/14	Mon 17/11/10	0%	0%				
240	✓ Earthworks	13 days	Wed 06/11/13	Fri 29/11/13	Thu 30/01/14	Wed 12/02/14	Thu 30/01/14	Wed 12/02/14	100%	0%				
241	✓ Clearing and Grubbing works	3 days	Wed 06/11/13	Sun 10/11/13	Thu 30/01/14	Sun 02/02/14	Thu 30/01/14	Sun 02/02/14	100%	100%				
242	✓ Disposable of unsuitable materials	3 days	Sun 10/11/13	Fri 22/11/13	Sun 02/02/14	Wed 05/02/14	Sun 02/02/14	Wed 05/02/14	100%	100%				
243	✓ Earth filling works	5 days	Fri 22/11/13	Thu 28/11/13	Wed 05/02/14	Mon 10/02/14	Wed 05/02/14	Mon 10/02/14	100%	100%				
244	✓ Earth compaction works	2 days	Thu 28/11/13	Fri 29/11/13	Mon 10/02/14	Wed 12/02/14	Mon 10/02/14	Wed 12/02/14	100%	100%				
245	Security Building Works	196 days	Tue 18/02/14	Fri 12/09/14	Tue 18/02/14	NA	Tue 18/02/14	Sun 16/11/14	0%	0%				
246	✓ Substructural Works	77.5 days	Tue 18/02/14	Wed 02/04/14	Tue 18/02/14	Wed 14/05/14	Tue 18/02/14	Wed 14/05/14	100%	0%			14/05	
258	Superstructural Works	24 days	Tue 15/04/14	Sun 11/05/14	NA	NA	Wed 20/08/14	Mon 15/09/10	0%	0%				
269	Ground Floor Works	95 days	Wed 02/04/14	Fri 12/09/14	Sun 08/06/14	NA	Sun 08/06/14	Sun 16/11/14	0%	0%			08/06	
270	G01 Kitchen/Dining	89 days	Wed 02/04/14	Sun 07/09/14	Sun 08/06/14	NA	Sun 08/06/14	Mon 10/11/10	0%	0%			08/06	
286	G02 Dormitory	87 days	Fri 04/04/14	Sun 07/09/14	Mon 09/06/14	NA	Mon 09/06/14	Mon 10/11/10	0%	0%			09/06	
297	G03 Store	85 days	Sun 06/04/14	Sun 07/09/14	Wed 11/06/14	NA	Wed 11/06/14	Mon 10/11/10	0%	0%			11/06	
308	G04 Toilet	87 days	Tue 08/04/14	Wed 10/09/14	Fri 13/06/14	NA	Fri 13/06/14	Thu 13/11/14	0%	0%			13/06	
329	G05 Foyer & Staircase	89.38 days	Thu 10/04/14	Fri 12/09/14	Fri 13/06/14	NA	Fri 13/06/14	Sun 16/11/14	0%	0%			13/06	
342	Top Floor Works	73 days	Fri 25/04/14	Fri 12/09/14	NA	NA	Mon 01/09/14	Sun 16/11/14	0%	0%				
367	Roof Works	24 days	Tue 19/08/14	Fri 12/09/14	NA	NA	Wed 22/10/14	Sun 16/11/14	0%	0%				
371	External Finishing Works	53 days	Sun 18/05/14	Fri 12/09/14	NA	NA	Mon 22/09/14	Sun 16/11/14	0%	0%				
377	Septic Tank Works	35 days	Thu 24/04/14	Wed 04/06/14	Sun 27/04/14	NA	Sun 27/04/14	Tue 03/06/14	0%	0%				
378	✓ Excavation works	2 days	Thu 24/04/14	Fri 25/04/14	Sun 27/04/14	Mon 28/04/14	Sun 27/04/14	Mon 28/04/14	100%	100%				
379	✓ Sand filling works	3 days	Fri 25/04/14	Tue 29/04/14	Tue 29/04/14	Fri 02/05/14	Tue 29/04/14	Fri 02/05/14	100%	100%				
380	✓ Flat brick soling works	2 days	Tue 29/04/14	Fri 02/05/14	Sun 04/05/14	Mon 05/05/14	Sun 04/05/14	Mon 05/05/14	100%	100%				
381	✓ Reinforcement works	3 days	Fri 02/05/14	Mon 05/05/14	Tue 06/05/14	Thu 08/05/14	Tue 06/05/14	Thu 08/05/14	100%	100%				
382	✓ RCC works	1 day	Tue 06/05/14	Wed 07/05/14	Mon 26/05/14	Mon 26/05/14	Mon 26/05/14	Mon 26/05/14	100%	100%				
383	✓ Brick masonry works	10 days	Sun 11/05/14	Wed 21/05/14	Sun 11/05/14	Tue 20/05/14	Sun 11/05/14	Tue 20/05/14	100%	100%				
384	✓ Fixing inlet, outlet pipes	3 days	Sun 18/05/14	Wed 21/05/14	Fri 16/05/14	Mon 19/05/14	Fri 16/05/14	Mon 19/05/14	100%	100%				
385	Cement plastering works with cement punning	10 days	Wed 21/05/14	Sun 01/06/14	NA	NA	Mon 19/05/14	Thu 29/05/14	0%	0%				
386	Instalation of septic tank cover	3 days	Sun 01/06/14	Tue 03/06/14	NA	NA	Thu 29/05/14	Mon 02/06/14	0%	0%				
387	Consultant's Inspections & Approvals	1 day	Tue 03/06/14	Wed 04/06/14	NA	NA	Mon 02/06/14	Tue 03/06/14	0%	0%				
388	Soak Pit Works	41.75 days	Fri 25/04/14	Wed 04/06/14	Sun 20/04/14	NA	Sun 20/04/14	Tue 03/06/14	0%	0%				
389	✓ Excavation works	2 days	Fri 25/04/14	Mon 28/04/14	Sun 20/04/14	Mon 21/04/14	Sun 20/04/14	Mon 21/04/14	100%	100%				
390	✓ 100-150mm Brickbats work	6 days	Mon 28/04/14	Mon 05/05/14	Wed 23/04/14	Tue 29/04/14	Wed 23/04/14	Tue 29/04/14	100%	100%				

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
391	✓ 25-50mm Brickbats work	6 days	Mon 28/04/14	Mon 05/05/14	Thu 24/04/14	Wed 30/04/14	Thu 24/04/14	Wed 30/04/14	100%	100%		24/04	30/04	
392	✓ 230mm brickwall with 25mm Open Joint	5 days	Tue 06/05/14	Sun 11/05/14	Wed 30/04/14	Tue 06/05/14	Wed 30/04/14	Tue 06/05/14	100%	100%		30/04	06/05	
393	✓ PVC inlet duct installation work	2 days	Mon 19/05/14	Wed 21/05/14	Sun 04/05/14	Mon 05/05/14	Sun 04/05/14	Mon 05/05/14	100%	100%		04/05	05/05	
394	Installation of cover with a clear opening	3 days	Wed 21/05/14	Fri 23/05/14	NA	NA	Mon 05/05/14	Thu 08/05/14	0%	0%		05/05	08/05	
395	Consultant's Inspections & Approvals	1 day	Tue 03/06/14	Wed 04/06/14	NA	NA	Mon 02/06/14	Tue 03/06/14	0%	0%			02/06	03/06
396	Grounding & LPS Works	33 days	Mon 28/04/14	Mon 02/06/14	NA	NA	Mon 21/04/14	Tue 27/05/14	0%	0%		21/04		27/05
408	Power & Optical Fiber Cables Routing Works	93 days	Fri 07/02/14	Sun 18/05/14	Thu 13/02/14	NA	Thu 13/02/14	Sun 25/05/14	0%	0%				
409	✓ Excavating trench and placing 2x110 mm dia PVC duct bank including concrete works, excavation, backfill	30 days	Fri 28/03/14	Wed 30/04/14	Thu 13/02/14	Tue 18/03/14	Thu 13/02/14	Tue 18/03/14	100%	100%		18/03		
410	Excavating trench and laying 25 mm2-2C PVC/PVC armoured cable, 1x50 mm dia PVC pipe including hazard warning tape, backfill	30 days	Fri 28/03/14	Wed 30/04/14	NA	NA	Thu 13/02/14	Tue 18/03/14	0%	0%		18/03		
411	✓ Installation of Handhole C including steel cover, concrete work, formwork, crushed stone, excavation	16 days	Wed 30/04/14	Fri 16/05/14	Wed 12/03/14	Sun 30/03/14	Wed 12/03/14	Sun 30/03/14	100%	100%		2/03	30/03	
412	✓ Routing of Optical Fibre Cable-4C (along fence & partially buried)	45 days	Fri 07/02/14	Fri 28/03/14	Tue 25/02/14	Tue 15/04/14	Tue 25/02/14	Tue 15/04/14	100%	100%			15/04	
413	✓ Installation of Optical fibre cables	31 days	Fri 28/03/14	Wed 30/04/14	Mon 24/03/14	Fri 25/04/14	Mon 24/03/14	Fri 25/04/14	100%	100%		24/03	25/04	
414	✓ Splicing works for optical fibre cables	5 days	Fri 09/05/14	Fri 16/05/14	Sun 27/04/14	Fri 02/05/14	Sun 27/04/14	Fri 02/05/14	100%	100%			27/04	02/05
415	Consultant's Inspections & Approvals	1 day	Fri 16/05/14	Sun 18/05/14	NA	NA	Fri 02/05/14	Sun 04/05/14	0%	0%			02/05	04/05
416	Consultant's Inspections & Approvals	1 day	Fri 12/09/14	Sun 14/09/14	NA	NA	Sun 16/11/14	Mon 17/11/14	0%	0%				
417	Security Post Works	300.63 day	Sun 10/11/13	Fri 03/10/14	Sun 10/11/13	NA	Sun 10/11/13	Sun 07/12/14	0%	0%				
448	Fencing Works	58 days	Fri 02/05/14	Tue 02/09/14	NA	NA	Thu 24/04/14	Tue 26/08/14	0%	0%		24/04		
462	Landscapping Works	21 days	Thu 29/01/15	Thu 19/02/15	NA	NA	Thu 02/04/15	Fri 24/04/15	0%	0%				
465	RUNWAY EXTENSION AREA 3	355.25 day	Fri 31/01/14	Thu 26/02/15	NA	NA	Mon 17/02/14	Thu 30/04/15	0%	0%				
629	RUNWAY EXTENSION PALS AREA 2	324.63 day	Sun 11/05/14	Tue 10/03/15	NA	NA	Fri 04/04/14	Thu 14/05/15	0%	0%		04/04		
702	TESTING & COMMISSIONING	24 days	Tue 10/03/15	Sun 05/04/15	NA	NA	Thu 14/05/15	Mon 08/06/15	0%	0%				
708	HANDING-OVER DOCUMENTATION	288.13 day	Tue 02/09/14	Tue 21/04/15	NA	NA	Wed 27/08/14	Wed 26/08/15	0%	0%				
723	A04 PARALLEL TAXIWAYS AND INTERNATIONAL APRON AREA	849 days	Wed 08/05/13	Tue 15/03/16	Tue 07/05/13	NA	Tue 07/05/13	Fri 13/05/16	0%	0%				
724	DELIVERABLES	400 days	Wed 08/05/13	Sun 30/11/14	Tue 14/05/13	NA	Tue 14/05/13	Thu 04/12/14	0%	0%				
725	Submission & Approval of Shop Drawings	400 days	Wed 08/05/13	Sun 30/11/14	Tue 14/05/13	NA	Tue 14/05/13	Thu 04/12/14	40%	40%				
726	Submission & Approval of Method Statements	350 days	Mon 10/06/13	Sun 09/11/14	Fri 14/06/13	NA	Fri 14/06/13	Thu 13/11/14	50%	50%				
727	PROCUREMENT	600 days	Mon 19/08/13	Wed 07/10/15	Sun 25/08/13	NA	Sun 25/08/13	Tue 13/10/15	0%	0%				

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
728	Construction materials delivery at site	600 days	Mon 19/08/13	Wed 07/10/15	Sun 25/08/13	NA	Sun 25/08/13	Tue 13/10/15	31%	31%				
729	CONSTRUCTION	838 days	Wed 08/05/13	Thu 03/03/16	Tue 07/05/13	NA	Tue 07/05/13	Mon 02/05/10	0%	0%				
730	Preliminary Works	126.75 day	Wed 08/05/13	Fri 25/10/13	Tue 07/05/13	NA	Tue 07/05/13	Mon 09/12/10	0%	0%				
731	Topographic survey works	24 days	Wed 08/05/13	Tue 04/06/13	Tue 07/05/13	Sun 02/06/13	Tue 07/05/13	Sun 02/06/13	100%	100%				
732	Site initiation & mobilization works (arrangements of temporary site access roads & temporary services)	60 days	Mon 10/06/13	Fri 18/10/13	Fri 14/06/13	Wed 23/10/13	Fri 14/06/13	Wed 23/10/13	100%	100%				
733	Tree felling / cutting of trees works	37 days	Thu 16/05/13	Sun 25/08/13	Sun 26/05/13	Tue 03/09/13	Sun 26/05/13	Tue 03/09/13	100%	100%				
734	Demolition works	75 days	Fri 31/05/13	Fri 25/10/13	Sun 01/09/13	NA	Sun 01/09/13	Mon 09/12/13	78%	78%				
735	Earthworks	575 days	Fri 20/09/13	Tue 18/08/15	Tue 24/09/13	NA	Tue 24/09/13	Fri 16/10/15	0%	0%				
736	Stage-1	128.75 day	Fri 20/09/13	Sun 29/12/13	Tue 24/09/13	NA	Tue 24/09/13	Sun 02/03/14	0%	0%				
737	Clearing and Grubbing works	16 days	Fri 20/09/13	Mon 07/10/13	Tue 24/09/13	Thu 10/10/13	Tue 24/09/13	Thu 10/10/13	100%	100%				
738	Topsoil removal / storage works	16 days	Thu 10/10/13	Wed 06/11/13	Sun 20/10/13	Sun 10/11/13	Sun 20/10/13	Sun 10/11/13	100%	100%				
739	Formation (CBR≥ 5%) filling works	56 days	Wed 06/11/13	Mon 23/12/13	Thu 26/12/13	NA	Thu 26/12/13	Mon 24/02/14	80%	80%				
740	Settlement measurement works	7 days	Mon 23/12/13	Sun 29/12/13	Sun 26/01/14	NA	Sun 26/01/14	Sun 02/03/14	80%	80%				
741	Stage-2	164.13 day	Wed 06/11/13	Fri 21/02/14	Thu 10/10/13	NA	Thu 10/10/13	Thu 24/04/14	0%	0%				
742	Clearing and Grubbing works	20 days	Wed 06/11/13	Tue 03/12/13	Thu 10/10/13	Sun 10/11/13	Thu 10/10/13	Sun 10/11/13	100%	100%				
743	Topsoil removal / storage works	16 days	Fri 06/12/13	Mon 23/12/13	Sun 24/11/13	Tue 10/12/13	Sun 24/11/13	Tue 10/12/13	100%	100%				
744	Formation (CBR≥ 5%) filling works	50 days	Mon 23/12/13	Fri 14/02/14	Tue 25/02/14	NA	Tue 25/02/14	Sun 20/04/14	80%	80%				
745	Settlement measurement works	5 days	Sun 16/02/14	Fri 21/02/14	Sun 02/03/14	NA	Sun 02/03/14	Thu 24/04/14	80%	80%				
746	Stage-3	183.38 day	Mon 23/12/13	Mon 19/05/14	Sun 05/01/14	NA	Sun 05/01/14	Thu 18/09/14	0%	0%				
747	Clearing and Grubbing works	14 days	Mon 23/12/13	Wed 08/01/14	Sun 05/01/14	NA	Sun 05/01/14	Sun 19/01/14	80%	80%				
748	Topsoil removal / storage works	14 days	Sun 12/01/14	Mon 27/01/14	Wed 22/01/14	NA	Wed 22/01/14	Wed 05/02/14	70%	70%				
749	Formation (CBR≥ 5%) filling works	80 days	Sun 16/02/14	Wed 14/05/14	Sun 20/04/14	NA	Sun 20/04/14	Sun 14/09/14	50%	50%				
750	Settlement measurement works	5 days	Wed 14/05/14	Mon 19/05/14	Thu 08/05/14	NA	Thu 08/05/14	Thu 18/09/14	50%	50%				
751	Stage-4	252.38 day	Mon 27/01/14	Sun 02/11/14	NA	NA	Wed 05/02/14	Fri 02/01/15	0%	0%				
756	Stage-5	437.38 day	Fri 28/02/14	Tue 18/08/15	NA	NA	Tue 11/03/14	Fri 16/10/15	0%	0%				
762	Drainage Works	519.25 day	Fri 25/10/13	Sun 14/06/15	Mon 09/12/13	NA	Mon 09/12/13	Wed 14/10/13	0%	0%				
763	Sub-surface Drainage Works	198 days	Wed 15/01/14	Fri 12/09/14	Thu 26/12/13	NA	Thu 26/12/13	Thu 25/09/14	0%	0%				
764	Concrete Hume Pipe Drain	154.88 day	Wed 15/01/14	Sun 27/04/14	Thu 26/12/13	NA	Thu 26/12/13	Tue 10/06/14	0%	0%				
765	SSD-C-(4) works	75 days	Wed 15/01/14	Fri 14/02/14	Thu 26/12/13	Fri 06/06/14	Thu 26/12/13	Fri 06/06/14	100%	100%				
766	SSD-C-(3) works	111 days	Wed 29/01/14	Mon 03/03/14	Tue 11/02/14	Tue 10/06/14	Tue 11/02/14	Tue 10/06/14	100%	100%				
767	SSD-C-(2) works	30 days	Wed 29/01/14	Mon 03/03/14	Tue 11/02/14	NA	Tue 11/02/14	Fri 14/03/14	97%	97%				
768	SSD-C-(1) works	21 days	Mon 03/03/14	Wed 26/03/14	Wed 02/04/14	NA	Wed 02/04/14	Thu 24/04/14	55%	55%				
769	SSD-B works	30 days	Wed 26/03/14	Sun 27/04/14	Wed 09/04/14	NA	Wed 09/04/14	Mon 26/05/14	9%	9%				
770	Perforated HDPE Subsurface Drain (SSD-A)	192 days	Wed 29/01/14	Thu 28/08/14	Thu 02/01/14	NA	Thu 02/01/14	Thu 25/09/14	0%	0%				
771	SSD-A-(1) works	15 days	Wed 11/06/14	Thu 28/08/14	NA	NA	Thu 03/04/14	Mon 22/09/14	0%	0%				
772	SSD-A-(2) works	15 days	Wed 11/06/14	Thu 28/08/14	NA	NA	Thu 03/04/14	Sun 20/04/14	0%	0%				
773	SSD-A-(3) works	15 days	Wed 11/06/14	Thu 28/08/14	Thu 03/04/14	NA	Thu 03/04/14	Sun 24/08/14	10%	10%				
774	SSD-A-4(1) works	15 days	Mon 26/05/14	Wed 11/06/14	NA	NA	Fri 23/05/14	Sun 08/06/14	0%	0%				

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
775	SSD-A-4(2) works	15 days	Mon 26/05/14	Wed 11/06/14	NA	NA	Fri 23/05/14	Sun 08/06/14	0%	0%			23/05	08/06
776	SSD-A-4(3) works	15 days	Mon 26/05/14	Wed 11/06/14	NA	NA	Fri 23/05/14	Sun 08/06/14	0%	0%			23/05	08/06
777	SSD-A-(5) works	15 days	Mon 26/05/14	Wed 11/06/14	NA	NA	Fri 23/05/14	Sun 08/06/14	0%	0%			23/05	08/06
778	SSD-A-(6) works	15 days	Mon 26/05/14	Wed 11/06/14	NA	NA	Fri 23/05/14	Sun 08/06/14	0%	0%			23/05	08/06
779	SSD-A-(7) works	15 days	Mon 26/05/14	Wed 11/06/14	NA	NA	Fri 23/05/14	Sun 08/06/14	0%	0%			23/05	08/06
780	SSD-A-(8) works	75 days	Wed 07/05/14	Mon 26/05/14	Mon 03/02/14	Fri 23/05/14	Mon 03/02/14	Fri 23/05/14	100%	100%			23/05	
781	SSD-A-9(1) works	43 days	Thu 17/04/14	Wed 07/05/14	Mon 03/02/14	Fri 21/03/14	Mon 03/02/14	Fri 21/03/14	100%	100%			21/03	
782	SSD-A-9(2) works	43 days	Fri 28/03/14	Thu 17/04/14	Mon 03/02/14	Fri 21/03/14	Mon 03/02/14	Fri 21/03/14	100%	100%			21/03	
783	SSD-A-(10) works	72 days	Mon 03/03/14	Fri 28/03/14	Fri 14/03/14	Fri 30/05/14	Fri 14/03/14	Fri 30/05/14	100%	100%			14/03	30/05
784	SSD-A-(11) works	83 days	Wed 29/01/14	Mon 03/03/14	Thu 02/01/14	Mon 31/03/14	Thu 02/01/14	Mon 31/03/14	100%	100%			31/03	
785	Connection Box (CB) / Inlet Structure	50.8 days	Wed 26/03/14	Tue 19/08/14	Tue 22/04/14	NA	Tue 22/04/14	Sun 17/08/14	0%	0%			22/04	
786	CB-6 Inlet Structure works	7 days	Wed 26/03/14	Wed 02/04/14	Tue 22/04/14	NA	Tue 22/04/14	Tue 29/04/14	32%	32%			22/04	29/04
787	CB-2 Inlet Structure works	7 days	Mon 26/05/14	Mon 02/06/14	NA	NA	Fri 23/05/14	Fri 30/05/14	0%	0%			23/05	30/05
788	CB-3 Inlet Structure works	7 days	Mon 26/05/14	Mon 02/06/14	NA	NA	Fri 23/05/14	Fri 30/05/14	0%	0%			23/05	30/05
789	CB-4 Inlet Structure works	7 days	Tue 03/06/14	Tue 10/06/14	NA	NA	Fri 30/05/14	Fri 06/06/14	0%	0%			30/05	06/06
790	CB-5 Inlet Structure works	7 days	Tue 10/06/14	Tue 19/08/14	NA	NA	Fri 06/06/14	Sun 17/08/14	0%	0%			06/06	
791	Temporary Vertical Drain (TVD) / Inlet Structure	121.68 days	Thu 13/02/14	Fri 12/09/14	Thu 13/02/14	NA	Thu 13/02/14	Tue 26/08/14	0%	0%				
792	TVD-5 Inlet Structure works	30 days	Thu 13/02/14	Tue 18/03/14	Thu 13/02/14	NA	Thu 13/02/14	Mon 24/03/14	53%	53%			24/03	
793	TVD-3 Inlet Structure works	30 days	Mon 26/05/14	Thu 28/08/14	Thu 13/03/14	NA	Thu 13/03/14	Mon 18/08/14	45%	45%			03/03	
794	TVD-1 Inlet Structure works	30 days	Wed 11/06/14	Fri 12/09/14	NA	NA	Wed 09/04/14	Mon 12/05/14	0%	0%			09/04	12/05
795	TVD-2 Inlet Structure works	30 days	Mon 26/05/14	Thu 28/08/14	NA	NA	Fri 23/05/14	Tue 26/08/14	0%	0%			23/05	
796	TVD-4 Inlet Structure works	30 days	Tue 18/03/14	Sun 20/04/14	NA	NA	Mon 24/03/14	Thu 24/04/14	0%	0%			24/03	24/04
797	Outlet Line	89.8 days	Thu 17/04/14	Fri 30/05/14	Thu 26/12/13	NA	Thu 26/12/13	Tue 01/04/14	0%	0%			01/04	
798	Outlet drain of subsurface drain works	54 days	Thu 17/04/14	Fri 30/05/14	Thu 26/12/13	NA	Thu 26/12/13	Tue 01/04/14	85%	85%			01/04	
799	Toe Drain Works	150 days	Wed 14/05/14	Thu 18/12/14	NA	NA	Sun 14/09/14	Wed 18/02/15	10%	0%				
803	Berm Drain Works	290 days	Wed 14/05/14	Fri 15/05/15	NA	NA	Sun 14/09/14	Tue 15/09/15	0%	0%				
813	Slope Drain Works	255 days	Thu 21/08/14	Fri 15/05/15	NA	NA	Mon 20/10/14	Tue 15/09/15	0%	0%				
820	Surface Drain Works	158 days	Tue 30/12/14	Sun 14/06/15	NA	NA	Sun 01/03/15	Wed 14/10/15	10%	0%				
843	Outlet Drain & Junction Works	436.25 days	Fri 25/10/13	Thu 30/04/15	Mon 09/12/13	NA	Mon 09/12/13	Tue 19/05/15	150%	0%				
844	Removal works of existing pipe culvert	14 days	Fri 25/10/13	Sun 24/11/13	Mon 09/12/13	Tue 24/12/13	Mon 09/12/13	Tue 24/12/13	100%	100%				
845	Removal works of existing gabion for opening of Outlet Channel	14 days	Sun 24/11/13	Mon 09/12/13	Tue 24/12/13	Thu 09/01/14	Tue 24/12/13	Thu 09/01/14	100%	100%				
846	Chute type O-1 Outlet Drain works	120 days	Mon 09/12/14	Thu 17/04/14	Tue 10/12/13	NA	Tue 10/12/13	Fri 18/04/14	89%	89%			18/04	
847	Cascade and Chute type O-2 Outlet Drain works	120 days	Fri 22/08/14	Wed 24/12/14	NA	NA	Sun 24/08/14	Fri 26/12/14	0%	0%				
848	Cascade and Chute type O-3 Outlet Drain works	120 days	Wed 24/12/14	Thu 30/04/15	NA	NA	Fri 26/12/14	Sun 03/05/15	0%	0%				

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MAIN CONTRACTOR: CONSTRUCTORA SAN JOSE S.A., SPAIN

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AIRSIDE INFRASTRUCTURE AND LANDSIDE TERMINAL IMPROVEMENT AT TIA, SIMIKOT AND RARA AIRPORTS (ICB-01): REVISED MASTER WORK SCHEDULE (REV02) UPDATED FOR THE YEAR 2014's 2ND QUARTERLY PROGRESS REPORT

ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
849	Outlet drain works for Golf Course Area	45 days	Fri 21/03/14	Fri 09/05/14	Thu 26/12/13	NA	Thu 26/12/13	Sun 11/05/14	85%	85%			11/05	
850	Outlet to bagmati river	45 days	Tue 01/04/14	Tue 20/05/14	NA	NA	Mon 06/01/14	Sun 23/02/14	0%	0%	3/02			
851	Junction T-1 Works	20 days	Thu 26/02/15	Wed 18/03/15	NA	NA	Mon 27/04/15	Tue 19/05/15	0%	0%				
852	Junction T-2 Works	20 days	Thu 26/02/15	Wed 18/03/15	NA	NA	Mon 27/04/15	Tue 19/05/15	0%	0%				
853	Junction T-3 Works	20 days	Thu 26/02/15	Wed 18/03/15	NA	NA	Mon 27/04/15	Tue 19/05/15	0%	0%				
854	Junction T-4 Works	20 days	Thu 26/02/15	Wed 18/03/15	NA	NA	Mon 27/04/15	Tue 19/05/15	0%	0%				
855	Junction T-5 Works	20 days	Thu 26/02/15	Wed 18/03/15	NA	NA	Mon 27/04/15	Tue 19/05/15	0%	0%				
856	Junction T-6 Works	20 days	Thu 26/02/15	Wed 18/03/15	NA	NA	Mon 27/04/15	Tue 19/05/15	0%	0%				
857	Junction T-7 Works	20 days	Thu 26/02/15	Wed 18/03/15	NA	NA	Mon 27/04/15	Tue 19/05/15	0%	0%				
858	Junction T-8 Works	20 days	Thu 26/02/15	Wed 18/03/15	NA	NA	Mon 27/04/15	Tue 19/05/15	0%	0%				
859	Consultant's Inspections & Approvals	1 day	Fri 12/06/15	Sun 14/06/15	NA	NA	Tue 13/10/15	Wed 14/10/15	0%	0%				
860	Culverts Works	410.38 days	Thu 10/04/14	Tue 02/06/15	Wed 22/01/15	NA	Wed 22/01/14	Tue 02/06/15	0%	0%				
861	Works for installation of GC-R1 Box Culvert	24 days	Thu 17/04/14	Wed 14/05/14	NA	NA	Fri 18/04/14	Wed 14/05/14	0%	0%		18/04	14/05	
862	Works for installation of GC-R2 Box Culvert	20 days	Wed 24/12/14	Fri 16/01/15	NA	NA	Fri 26/12/14	Sun 18/01/15	0%	0%				
863	Works for installation of S/C-1 Slab Culvert	30 days	Thu 10/04/14	Wed 14/05/14	Sun 16/02/14	NA	Sun 16/02/14	Wed 14/05/14	30%	30%			14/05	
864	Works for installation of S/C-2 Slab Culvert	30 days	Fri 16/01/15	Tue 17/02/15	NA	NA	Sun 18/01/15	Wed 18/02/15	0%	0%				
865	Works for installation of S/C-3 Slab Culvert	30 days	Thu 30/04/15	Tue 02/06/15	NA	NA	Sun 03/05/15	Tue 02/06/15	0%	0%				
866	Works for installation of S/C-4 Slab Culvert	30 days	Thu 30/04/15	Tue 02/06/15	NA	NA	Sun 03/05/15	Tue 02/06/15	0%	0%				
867	Works for installation of S/C-5 Slab Culvert	30 days	Thu 17/04/14	Tue 20/05/14	NA	NA	Wed 22/01/14	Sun 23/02/14	0%	0%	3/02			
868	Works for installation of G-C1 Box Culvert	20 days	Wed 14/05/14	Tue 03/06/14	NA	NA	Thu 15/05/14	Wed 04/06/14	0%	0%			15/05	04/06
869	Works for installation of G-C2 Box Culvert	20 days	Tue 03/06/14	Tue 26/08/14	NA	NA	Wed 04/06/14	Wed 27/08/14	0%	0%			04/06	
870	Works for installation of A-C1 Box Culvert	20 days	Tue 03/06/14	Tue 26/08/14	NA	NA	Wed 04/06/14	Wed 27/08/14	0%	0%			04/06	
871	Works for installation of A-C2 Box Culvert	24 days	Tue 26/08/14	Fri 19/09/14	NA	NA	Wed 27/08/14	Sun 21/09/14	0%	0%				
872	Works for installation of H-C1 Box Culvert	20 days	Sun 21/09/14	Fri 10/10/14	NA	NA	Sun 21/09/14	Sun 12/10/14	0%	0%				
873	Works for installation of H-C2 Box Culvert	20 days	Fri 10/10/14	Fri 31/10/14	NA	NA	Sun 12/10/14	Sun 02/11/14	0%	0%				
874	Consultant's Inspections & Approvals	1 day	Fri 16/01/15	Sun 18/01/15	NA	NA	Sun 18/01/15	Mon 19/01/15	0%	0%				
875	Pavement Works	166 days	Mon 31/08/15	Sun 21/02/16	NA	NA	Thu 29/10/15	Thu 21/04/16	0%	0%				
901	Fencing Works	174 days	Mon 31/08/15	Mon 29/02/16	NA	NA	Thu 29/10/15	Fri 29/04/16	0%	0%				

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
926	Retaining Walls Works	30 days	Fri 29/01/16	Mon 29/02/16	NA	NA	Tue 29/03/16	Fri 29/04/16	0%	0%				
929	Airfield Lighting System	310 days	Tue 10/02/15	Thu 03/03/16	NA	NA	Sun 12/04/15	Mon 02/05/16	0%	0%				
1147	Landscapping	21 days	Tue 09/02/16	Tue 01/03/16	NA	NA	Fri 08/04/16	Sun 01/05/16	0%	0%				
1150	TESTING & COMMISSIONING	32 days	Wed 03/02/16	Mon 07/03/16	NA	NA	Mon 04/04/16	Fri 06/05/16	0%	0%				
1161	HANDING OVER DOCUMENTATION	278.88 day	Sun 24/05/15	Tue 15/03/16	NA	NA	Tue 26/05/15	Fri 13/05/16	0%	0%				
1172	A06: POWER SUPPLY AT SUBSTATIONS P-1,P-2 & GENERATOR HOUSE	700.63 days	Tue 11/02/14	Mon 14/03/16	Thu 02/01/14	NA	Thu 02/01/14	Thu 12/05/16	0%	0%				
1173	DELIVERABLES	130 days	Tue 11/02/14	Mon 01/09/14	NA	NA	Mon 10/02/14	Mon 01/09/14	10%	0%				
1176	PROCUREMENT	327 days	Wed 26/02/15	Mon 23/03/15	Thu 02/01/14	NA	Thu 02/01/14	Sun 15/02/15	0%	0%				
1177	✓ Preparation & Submission of MAS	78 days	Wed 26/02/15	Sun 04/05/14	Thu 02/01/14	Wed 26/03/14	Thu 02/01/14	Wed 26/03/14	100%	100%				
1178	✓ Approval of MAS from Consultant	0 days	Sun 04/05/14	Sun 04/05/14	Wed 26/03/14	Wed 26/03/14	Wed 26/03/14	Wed 26/03/14	100%	100%				
1179	Materials Purchase Order (Local Materials)	7 days	Sun 04/05/14	Sun 11/05/14	Wed 26/03/14	NA	Wed 26/03/14	Wed 02/04/14	50%	50%				
1180	Materials Purchase Order (Foreign Materials)	7 days	Sun 04/05/14	Sun 11/05/14	Wed 26/03/14	NA	Wed 26/03/14	Wed 02/04/14	50%	50%				
1181	Factory Acceptance Test (FAT)	10 days	Sun 21/09/14	Wed 01/10/14	NA	NA	Sun 17/08/14	Tue 26/08/14	0%	0%				
1182	Factory Training at Manufacturer's place for Employer's staff	14 days	Sun 02/11/14	Sun 16/11/14	NA	NA	Fri 26/09/14	Fri 10/10/14	0%	0%				
1183	Materials Delivery Period (Local Materials)	15 days	Sun 16/11/14	Tue 02/12/14	NA	NA	Sun 12/10/14	Mon 27/10/14	0%	0%				
1184	Materials Delivery Period (Foreign Materials)	120 days	Sun 16/11/14	Mon 23/03/15	NA	NA	Sun 12/10/14	Sun 15/02/15	0%	0%				
1185	Delivery of Local Materials at site	0 days	Tue 02/12/14	Tue 02/12/14	NA	NA	Mon 27/10/14	Mon 27/10/14	0%	0%				
1186	Delivery of Foreign Materials at site	0 days	Mon 23/03/15	Mon 23/03/15	NA	NA	Sun 15/02/15	Sun 15/02/15	0%	0%				
1187	CONSTRUCTION	535.63 day	Wed 11/06/15	Mon 14/03/16	NA	NA	Thu 28/08/14	Thu 12/05/16	0%	0%				
1271	TESTING & COMMISSIONING	122 days	Tue 19/05/15	Sun 01/11/15	NA	NA	Sun 04/10/15	Tue 09/02/16	0%	0%				
1276	HANDING-OVER DOCUMENTATION	90.25 days	Sun 01/11/15	Mon 14/03/16	NA	NA	Tue 09/02/16	Thu 12/05/16	0%	0%				
1283	A08: SEWAGE TREATMENT SYSTEM	441 days	Mon 28/04/15	Sun 06/12/15	NA	NA	Sun 27/04/14	Fri 04/12/15	0%	0%				
1331	A09: WATER SUPPLY SYSTEM	447 days	Tue 11/02/14	Wed 30/09/15	NA	NA	Mon 10/02/14	Tue 29/09/15	0%	0%				
1376	A10: INCINERATOR FACILITIES	500 days	Wed 05/03/15	Tue 15/12/15	NA	NA	Tue 04/03/14	Mon 14/12/15	0%	0%				
1454	✓ A11: FOAM TENDER	252 days	Mon 26/08/15	Sun 25/05/14	Sun 25/08/13	Thu 29/05/14	Sun 25/08/13	Wed 11/06/15	100%	0%				
1455	✓ PROCUREMENT	232.38 day	Mon 26/08/15	Wed 30/04/14	Sun 25/08/13	Wed 21/05/14	Sun 25/08/13	Wed 21/05/15	100%	0%				
1456	✓ Preparation & Submission of MAS	28 days	Mon 26/08/15	Thu 07/11/13	Sun 25/08/13	Tue 24/09/13	Sun 25/08/13	Tue 24/09/13	100%	100%				
1457	✓ Approval of MAS from Consultant	0 days	Thu 07/11/13	Thu 07/11/13	Wed 25/09/13	Wed 25/09/13	Wed 25/09/13	Wed 25/09/13	100%	100%				
1458	✓ Materials Purchase Order	7 days	Thu 07/11/13	Mon 25/11/13	Thu 26/09/13	Thu 03/10/13	Thu 26/09/13	Thu 03/10/13	100%	100%				
1459	✓ Factory Acceptance Test (FAT)	10 days	Mon 06/01/14	Tue 21/01/14	Tue 04/02/14	Thu 13/02/14	Tue 04/02/14	Thu 13/02/14	100%	100%				
1460	✓ Factory Training at Manufacturer's place for Employer's staff	12 days	Sun 23/02/14	Mon 10/03/14	Mon 03/03/14	Fri 14/03/14	Mon 03/03/14	Fri 14/03/14	100%	100%				
1461	✓ Materials Delivery Period	80 days	Mon 10/03/14	Mon 28/04/14	Sun 16/02/14	Fri 16/05/14	Sun 16/02/14	Fri 16/05/14	100%	100%				
1462	✓ Delivery of Foam Tender (Tank Capacity: 12,000 liter) with mounted equipment at site	0 days	Mon 28/04/14	Mon 28/04/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	100%	100%				
1463	✓ Delivery of Dry Chemical Powder (DCP) at site with container	0 days	Mon 28/04/14	Mon 28/04/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	100%	100%				

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
1464	✓ Delivery of Rescue Equipments at site	0 days	Mon 28/04/13	Mon 28/04/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	100%	100%			17/05	
1465	✓ Delivery of Maintenance Tools at site	0 days	Mon 28/04/13	Mon 28/04/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	100%	100%			17/05	
1466	✓ Delivery of Spare Parts at site	0 days	Mon 28/04/13	Mon 28/04/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	Sat 17/05/14	100%	100%			17/05	
1467	✓ Consultant's Inspection & Approval	1 day	Tue 29/04/14	Wed 30/04/14	Wed 21/05/14	Wed 21/05/14	Wed 21/05/14	Wed 21/05/14	100%	100%			21/05	
1468	✓ HANDING-OVER DOCUMENTATION	5.63 days	Fri 02/05/14	Sun 25/05/14	Fri 23/05/14	Thu 29/05/14	Fri 23/05/14	Thu 29/05/14	100%	0%			23/05	29/05
1469	✓ Site Acceptance Tests	1 day	Fri 02/05/14	Tue 13/05/14	Wed 28/05/14	Wed 28/05/14	Wed 28/05/14	Wed 28/05/14	100%	100%			28/05	28/05
1470	✓ Site Training to the Employer's staffs	5 days	Tue 13/05/14	Fri 23/05/14	Fri 23/05/14	Wed 28/05/14	Fri 23/05/14	Wed 28/05/14	100%	100%			23/05	28/05
1471	✓ Supply of spare Parts	1 day	Sun 25/05/14	Sun 25/05/14	Wed 28/05/14	Wed 28/05/14	Wed 28/05/14	Wed 28/05/14	100%	100%			28/05	28/05
1472	✓ Start of Maintenance services (Defect Liability Period)	0 days	Sun 25/05/14	Sun 25/05/14	Thu 29/05/14	Thu 29/05/14	Thu 29/05/14	Thu 29/05/14	100%	100%			29/05	
1473	A12-8 ACCESS ROAD FOR ITB EXPANSION AREA	470.35 days	Sun 17/03/13	Sun 10/11/13	Wed 22/05/13	NA	Wed 22/05/13	Thu 26/02/15	0%	0%				
1474	DELIVERABLES	90 days	Sun 17/03/13	Sun 25/08/13	Wed 22/05/13	NA	Wed 22/05/13	Thu 31/10/13	0%	0%				
1475	Submission & Approval of Shop Drawings	90 days	Sun 17/03/13	Sun 25/08/13	Wed 22/05/13	NA	Wed 22/05/13	Thu 31/10/13	90%	90%				
1476	Submission & Approval of Method Statements	75 days	Sun 17/03/13	Sun 09/06/13	Wed 22/05/13	NA	Wed 22/05/13	Thu 10/10/13	90%	90%				
1477	PROCUREMENT	90 days	Mon 01/04/13	Mon 09/09/13	Thu 06/06/13	NA	Thu 06/06/13	Sun 01/12/13	0%	0%				
1478	Delivery of materials at Site	90 days	Mon 01/04/13	Mon 09/09/13	Thu 06/06/13	NA	Thu 06/06/13	Sun 01/12/13	82%	82%				
1479	CONSTRUCTION	239 days	Sun 17/03/13	Sun 10/11/13	Wed 22/05/13	NA	Wed 22/05/13	Fri 25/04/14	0%	0%				
1480	✓ Preliminary Works	24 days	Sun 17/03/13	Mon 01/04/13	Wed 22/05/13	Sun 18/08/13	Wed 22/05/13	Sun 18/08/13	100%	0%				
1484	✓ Store Buildings (S1 & S2)	75.25 days	Mon 01/04/13	Tue 04/06/13	Thu 05/09/13	Fri 13/12/13	Thu 05/09/13	Fri 13/12/13	100%	0%				
1495	✓ Store Building (S3)	83.13 days	Mon 01/04/13	Wed 11/09/13	Tue 18/06/13	Mon 02/12/13	Tue 18/06/13	Mon 02/12/13	100%	0%				
1519	Canteen & Guard House (C1)	130.13 days	Mon 01/04/13	Sun 09/06/13	Thu 26/09/13	NA	Thu 26/09/13	Tue 04/03/14	0%	0%			04/03	
1520	✓ Clearing & Grubbing with other Earthworks	1 day	Mon 01/04/13	Tue 02/04/13	Thu 26/09/13	Thu 26/09/13	Thu 26/09/13	Thu 26/09/13	100%	100%				
1521	✓ Construction works for Canteen Building C1	91 days	Tue 02/04/13	Tue 28/05/13	Sun 24/11/13	Fri 28/02/14	Sun 24/11/13	Fri 28/02/14	100%	100%			28/02	
1522	✓ Consultant's Inspections & Approvals	1 day	Tue 28/05/13	Thu 30/05/13	Sun 02/03/14	Sun 02/03/14	Sun 02/03/14	Sun 02/03/14	100%	100%			02/03	
1523	Shifting of canteen	2 days	Thu 30/05/13	Sun 02/06/13	NA	NA	Sun 02/03/14	Tue 04/03/14	0%	100%			04/03	
1524	✓ Demolition of existing canteen & Guard House(ITB Access Road)	2 days	Sun 02/06/13	Sun 09/06/13	Fri 31/01/14	Sun 02/02/14	Fri 31/01/14	Sun 02/02/14	100%	100%				
1525	Guard House (G1)	146.38 days	Tue 02/04/13	Fri 24/05/13	Thu 26/09/13	NA	Thu 26/09/13	Sun 23/03/14	0%	0%			23/03	
1526	✓ Clearing & Grubbing with other Earthworks	1 day	Tue 02/04/13	Wed 03/04/13	Thu 26/09/13	Fri 27/09/13	Thu 26/09/13	Fri 27/09/13	100%	100%				
1527	Construction works for Guard House G1	35 days	Wed 03/04/13	Tue 14/05/13	Wed 12/02/14	NA	Wed 12/02/14	Sun 23/03/14	40%	40%			23/03	
1528	Consultant's Inspections & Approvals	1 day	Tue 14/05/13	Wed 15/05/13	NA	NA	Sun 23/03/14	Sun 23/03/14	0%	0%			23/03	23/03
1529	✓ Shifting of Guard House	2 days	Wed 15/05/13	Thu 16/05/13	Thu 19/12/13	Fri 20/12/13	Thu 19/12/13	Fri 20/12/13	100%	100%				
1530	✓ Demolition of existing Guard House(ITB Access Road Area)	3 days	Fri 17/05/13	Fri 24/05/13	Sun 22/12/13	Tue 24/12/13	Sun 22/12/13	Tue 24/12/13	100%	100%				
1531	Access Roads	445.6 days	Mon 01/04/13	Sun 10/11/13	Mon 19/08/13	NA	Mon 19/08/13	Thu 26/02/15	0%	0%				
1532	Access Road to CAA Area	422.68 days	Mon 01/04/13	Mon 28/10/13	Mon 19/08/13	NA	Mon 19/08/13	Mon 02/02/15	0%	0%				
1533	✓ Cutting of trees works	18 days	Mon 01/04/13	Tue 23/04/13	Mon 19/08/13	Thu 05/09/13	Mon 19/08/13	Thu 05/09/13	100%	100%				
1534	✓ Demolition works (CAA Access Road)	13 days	Tue 23/04/13	Wed 08/05/13	Fri 06/09/13	Fri 20/09/13	Fri 06/09/13	Fri 20/09/13	100%	100%				
1535	✓ Removal of garden lights	7 days	Wed 08/05/13	Thu 16/05/13	Fri 20/09/13	Fri 27/09/13	Fri 20/09/13	Fri 27/09/13	100%	100%				

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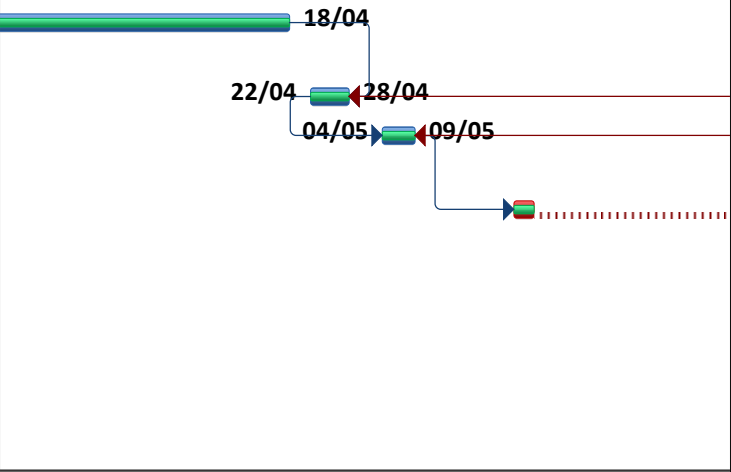
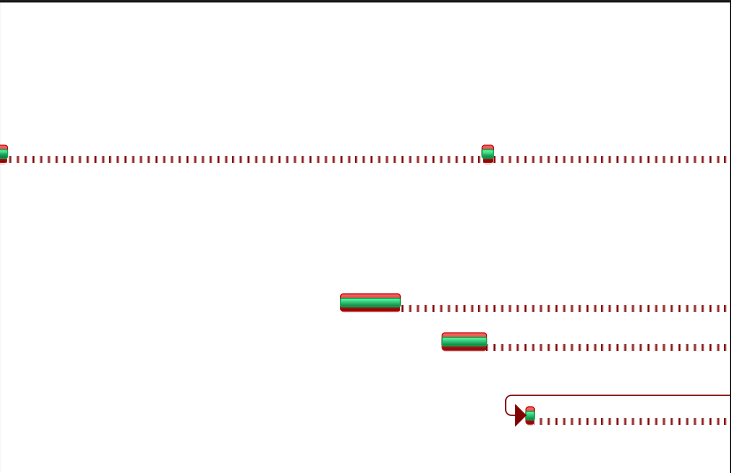
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AIRSIDE INFRASTRUCTURE AND LANDSIDE TERMINAL IMPROVEMENT AT TIA, SIMIKOT AND RARA AIRPORTS (ICB-01): REVISED MASTER WORK SCHEDULE (REV02) UPDATED FOR THE YEAR 2014's 2ND QUARTERLY PROGRESS REPORT

ID		Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
												Mar	Apr	May	Jun
1536	✓	Removal of Electric poles (all types) including cables transformer and accessories	7 days	Wed 08/05/13	Thu 16/05/13	Fri 20/09/13	Fri 27/09/13	Fri 20/09/13	Fri 27/09/13	100%	100%				
1537	✓	Clearing & Grubbing with other Earthworks	10 days	Thu 16/05/13	Sun 26/05/13	Fri 27/09/13	Tue 08/10/13	Fri 27/09/13	Tue 08/10/13	100%	100%				
1538	✓	Topsoil removal / storage works	11 days	Mon 27/05/13	Thu 06/06/13	Tue 08/10/13	Thu 24/10/13	Tue 08/10/13	Thu 24/10/13	100%	100%				
1539	✓	Trial compaction for formation (CBR≥ 5%)	49 days	Thu 06/06/13	Mon 10/06/13	Fri 25/10/13	Tue 31/12/13	Fri 25/10/13	Tue 31/12/13	100%	100%				
1540	✓	Formation (CBR≥ 5%) filling & compaction works	72 days	Wed 21/08/13	Mon 16/09/13	Sun 12/01/14	Fri 18/04/14	Sun 12/01/14	Fri 18/04/14	100%	100%				
1541	✓	Subgrade level preparation works	6 days	Tue 03/09/13	Mon 23/09/13	Tue 22/04/14	Mon 28/04/14	Tue 22/04/14	Mon 28/04/14	100%	100%				
1542	✓	Crushed aggregate sub-base course (CBR > 35%)	6 days	Mon 16/09/13	Wed 02/10/13	Sun 04/05/14	Fri 09/05/14	Sun 04/05/14	Fri 09/05/14	100%	100%				
1543		Well graded crushed aggregate base course (CBR > 80%)	7 days	Wed 02/10/13	Wed 09/10/13	Mon 26/05/14	NA	Mon 26/05/14	Tue 20/01/15	50%	50%				
1544		Prime coat	1 day	Wed 09/10/13	Thu 10/10/13	NA	NA	Tue 20/01/15	Wed 21/01/15	0%	0%				
1545		Asphalt concrete binder course	5 days	Thu 10/10/13	Mon 21/10/13	NA	NA	Wed 21/01/15	Mon 26/01/15	0%	0%				
1546		Tack coat	1 day	Mon 21/10/13	Tue 22/10/13	NA	NA	Mon 26/01/15	Tue 27/01/15	0%	0%				
1547		Asphalt concrete surface course	5 days	Tue 22/10/13	Sun 27/10/13	NA	NA	Tue 27/01/15	Sun 01/02/15	0%	0%				
1548		Consultant's Inspections & Approvals	1 day	Mon 28/10/13	Mon 28/10/13	NA	NA	Sun 01/02/15	Mon 02/02/15	0%	0%				
1549		Access Road to ITB Expansion Area	401.6 days	Tue 21/05/13	Mon 28/10/13	Thu 26/09/13	NA	Thu 26/09/13	Tue 17/02/15	50%	0%				
1550		CH 0+000 - CH 0+180	401.6 days	Tue 21/05/13	Mon 28/10/13	Thu 26/09/13	NA	Thu 26/09/13	Tue 17/02/15	50%	0%				
1551	✓	Clearing & Grubbing with other Earthworks	108 days	Tue 21/05/13	Wed 05/06/13	Thu 26/09/13	Fri 07/02/14	Thu 26/09/13	Fri 07/02/14	100%	100%				
1552	✓	Topsoil removal / storage works	106 days	Mon 27/05/13	Sun 09/06/13	Mon 30/09/13	Mon 10/02/14	Mon 30/09/13	Mon 10/02/14	100%	100%				
1553		Formation (CBR≥ 5%) filling works	40 days	Mon 10/06/13	Mon 23/09/13	Tue 28/01/14	NA	Tue 28/01/14	Thu 08/01/15	80%	80%				
1554	✓	Formation (CBR≥ 5%) filling & compaction works(upto level of Subsurface Drain)	5 days	Mon 10/06/13	Fri 14/06/13	Fri 03/01/14	Wed 08/01/14	Fri 03/01/14	Wed 08/01/14	100%	100%				
1555		Subgrade level preparation works	18 days	Thu 05/09/13	Wed 25/09/13	Sun 27/04/14	NA	Sun 27/04/14	Wed 14/01/15	50%	50%				
1556		Crushed aggregate sub-base course (CBR > 35%)	14 days	Tue 17/09/13	Wed 02/10/13	Wed 14/05/14	NA	Wed 14/05/14	Mon 19/01/15	50%	50%				
1557		Well graded crushed aggregate base course (CBR > 80%)	7 days	Wed 02/10/13	Wed 09/10/13	Wed 28/05/14	NA	Wed 28/05/14	Wed 04/02/15	20%	20%				
1558		Prime coat	1 day	Wed 09/10/13	Thu 10/10/13	NA	NA	Wed 04/02/15	Thu 05/02/15	0%	0%				
1559		Asphalt concrete binder course	5 days	Thu 10/10/13	Mon 21/10/13	NA	NA	Thu 05/02/15	Tue 10/02/15	0%	0%				
1560		Tack coat	1 day	Mon 21/10/13	Tue 22/10/13	NA	NA	Tue 10/02/15	Wed 11/02/15	0%	0%				
1561		Asphalt concrete surface course	5 days	Tue 22/10/13	Sun 27/10/13	NA	NA	Wed 11/02/15	Tue 17/02/15	0%	0%				
1562		Consultant's Inspections & Approvals	1 day	Mon 28/10/13	Mon 28/10/13	NA	NA	Tue 17/02/15	Tue 17/02/15	0%	0%				
1563		CH 0+180 - CH 0+230	386.68 days	Sun 09/06/13	Mon 28/10/13	Thu 26/09/13	NA	Thu 26/09/13	Mon 02/02/15	10%	0%				
1564	✓	Clearing & Grubbing with other Earthworks	108 days	Sun 09/06/13	Tue 11/06/13	Thu 26/09/13	Fri 07/02/14	Thu 26/09/13	Fri 07/02/14	100%	100%				

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ID		Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
												Mar	Apr	May	Jun
1565	✓	Topsoil removal / storage works	106 days	Tue 11/06/13	Thu 13/06/13	Mon 30/09/13	Mon 10/02/14	Mon 30/09/13	Mon 10/02/14	100%	100%				
1566	✓	Formation (CBR≥ 5%) filling & compaction works (upto level of Subsurface Drain)	98 days	Thu 13/06/13	Mon 19/08/13	Wed 08/01/14	Wed 30/04/14	Wed 08/01/14	Wed 30/04/14	100%	100%			30/04	
1567		Formation (CBR≥ 5%) filling works	5 days	Thu 05/09/13	Wed 11/09/13	Thu 27/02/14	NA	Thu 27/02/14	Mon 12/01/15	80%	80%				
1568		Subgrade (CBR≥ 15%) preparation works	10 days	Wed 11/09/13	Mon 23/09/13	Thu 24/04/14	NA	Thu 24/04/14	Wed 14/01/15	80%	80%				
1569		Crushed aggregate sub-base course (CBR > 35%)	9 days	Mon 23/09/13	Wed 02/10/13	Tue 13/05/14	NA	Tue 13/05/14	Fri 16/01/15	80%	80%				
1570		Well graded crushed aggregate base course (CBR > 80%)	7 days	Wed 02/10/13	Wed 09/10/13	Mon 26/05/14	NA	Mon 26/05/14	Tue 20/01/15	50%	50%				
1571		Prime coat	1 day	Wed 09/10/13	Thu 10/10/13	NA	NA	Tue 20/01/15	Wed 21/01/15	0%	0%				
1572		Asphalt concrete binder course	5 days	Thu 10/10/13	Mon 21/10/13	NA	NA	Wed 21/01/15	Mon 26/01/15	0%	0%				
1573		Tack coat	1 day	Mon 21/10/13	Tue 22/10/13	NA	NA	Mon 26/01/15	Tue 27/01/15	0%	0%				
1574		Asphalt concrete surface course	5 days	Tue 22/10/13	Sun 27/10/13	NA	NA	Tue 27/01/15	Sun 01/02/15	0%	0%				
1575		Consultant's Inspections & Approvals	1 day	Mon 28/10/13	Mon 28/10/13	NA	NA	Sun 01/02/15	Mon 02/02/15	0%	0%				
1576		Road lighting Works	27.3 days	Mon 23/09/13	Sun 10/11/13	NA	NA	Mon 12/01/15	Mon 09/02/15	0%	0%				
1592		Traffic Signage Works	11 days	Fri 25/10/13	Sun 10/11/13	NA	NA	Sun 15/02/15	Thu 26/02/15	0%	0%				
1598		Drainage Works	396.38 days	Mon 01/04/14	Tue 29/10/13	Mon 19/08/14	NA	Mon 19/08/13	Tue 06/01/15	50%	0%				
1599		Sub-surface Drainage Works	283.88 days	Fri 16/08/13	Wed 04/09/13	Tue 07/01/14	NA	Tue 07/01/14	Tue 06/01/15	50%	0%				
1600	✓	Perforated HDP Subsurface Drain (SSD-A)	128.13 days	Fri 16/08/13	Tue 03/09/13	Tue 07/01/14	Fri 23/05/14	Tue 07/01/14	Fri 23/05/14	100%	0%				23/05
1601	✓	Excavation works	100 days	Fri 16/08/13	Tue 20/08/13	Tue 07/01/14	Fri 09/05/14	Tue 07/01/14	Fri 09/05/14	100%	100%			09/05	
1602	✓	Gravel bedding	82 days	Tue 20/08/13	Fri 23/08/13	Sun 09/02/14	Fri 09/05/14	Sun 09/02/14	Fri 09/05/14	100%	100%			09/05	
1603	✓	Precast concrete drain, M25	7 days	Fri 23/08/13	Fri 30/08/13	Fri 09/05/14	Fri 16/05/14	Fri 09/05/14	Fri 16/05/14	100%	100%			09/05	16/05
1604	✓	Installation of 200mm perforated HDPE pipes	90 days	Fri 23/08/13	Fri 30/08/13	Fri 14/02/14	Thu 22/05/14	Fri 14/02/14	Thu 22/05/14	100%	100%				22/05
1605	✓	Geotextile cover with filter material	93 days	Mon 26/08/13	Fri 30/08/13	Tue 11/02/14	Thu 22/05/14	Tue 11/02/14	Thu 22/05/14	100%	100%				22/05
1606	✓	Testing & inspection	84 days	Fri 30/08/13	Mon 02/09/13	Sun 23/02/14	Fri 23/05/14	Sun 23/02/14	Fri 23/05/14	100%	100%				23/05
1607	✓	Backfilling	82 days	Mon 02/09/13	Tue 03/09/13	Tue 25/02/14	Fri 23/05/14	Tue 25/02/14	Fri 23/05/14	100%	100%				23/05
1608		Subsurface Collector Drain	160.13 days	Fri 16/08/13	Tue 03/09/13	Mon 19/05/14	NA	Mon 19/05/14	Mon 05/01/15	10%	0%			19/05	
1609	✓	Excavation works	5 days	Fri 16/08/13	Wed 21/08/13	Sun 01/06/14	Thu 05/06/14	Sun 01/06/14	Thu 05/06/14	100%	0%			01/06	05/06
1610		315 mm dia HDPE Pipe installation works	5 days	Wed 21/08/13	Mon 26/08/13	Thu 05/06/14	NA	Thu 05/06/14	Mon 29/12/14	50%	50%				
1611		Elbow joint works	4 days	Mon 26/08/13	Fri 30/08/13	Mon 19/05/14	NA	Mon 19/05/14	Tue 30/12/14	50%	50%				
1612		Testing & inspection	2 days	Fri 30/08/13	Mon 02/09/13	NA	NA	Tue 30/12/14	Fri 02/01/15	0%	0%				
1613		Backfilling	2 days	Mon 02/09/13	Tue 03/09/13	NA	NA	Fri 02/01/15	Mon 05/01/15	0%	0%				
1614		Direct outlet to Drain	282.25 days	Fri 16/08/13	Wed 04/09/13	NA	NA	Wed 08/01/14	Tue 06/01/15	50%	0%				
1619		Surface Drain Works	228 days	Mon 01/04/14	Sun 27/10/13	Mon 19/08/14	NA	Mon 19/08/13	Sun 11/05/14	40%	0%				11/05
1620	✓	Drain AR-C1	146 days	Mon 01/04/14	Tue 21/05/13	Mon 19/08/14	Mon 10/02/15	Mon 19/08/13	Mon 10/02/15	100%	0%				
1628	✓	Drain AR-C3	121.25 days	Tue 21/05/13	Sun 25/08/13	Sun 22/09/13	Mon 17/02/14	Sun 22/09/13	Mon 17/02/14	100%	0%				

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ID		Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
												Mar	Apr	May	Jun
1634	✓	Drain AR-C2	67 days	Mon 26/08/13	Sun 08/09/13	Sun 08/12/13	Mon 17/02/14	Sun 08/12/13	Mon 17/02/14	100%	0%				
1640	✓	Drain AR-CD-a	37.38 days	Mon 26/08/13	Fri 27/09/13	Mon 30/09/13	Thu 28/11/13	Mon 30/09/13	Thu 28/11/13	100%	0%				
1646	✓	Drain AR5-a	12 days	Mon 26/08/13	Sun 08/09/13	Mon 23/09/13	Fri 04/10/13	Mon 23/09/13	Fri 04/10/13	100%	0%				
1651	✓	Drain AR-CD-b	28 days	Wed 28/08/13	Mon 30/09/13	Sun 27/10/13	Mon 09/12/13	Sun 27/10/13	Mon 09/12/13	100%	0%				
1657	✓	Drain AR5-b	40 days	Wed 28/08/13	Tue 10/09/13	Sun 06/10/13	Fri 06/12/13	Sun 06/10/13	Fri 06/12/13	100%	0%				
1662	✓	Drain AR-CD-c	29.88 days	Fri 30/08/13	Wed 02/10/13	Thu 12/12/13	Tue 14/01/14	Thu 12/12/13	Tue 14/01/14	100%	0%				
1668	✓	Drain AR5-c	19 days	Fri 30/08/13	Fri 13/09/13	Thu 12/12/13	Thu 02/01/14	Thu 12/12/13	Thu 02/01/14	100%	0%				
1673		Drain AR2-a	12 days	Mon 02/09/13	Sun 15/09/13	NA	NA	Fri 13/12/13	Fri 27/12/13	0%	0%				
1678		Drain AR2-b	14 days	Wed 04/09/13	Thu 19/09/13	NA	NA	Mon 16/12/13	Tue 31/12/13	0%	0%				
1683		Drain AR2-c	12 days	Thu 05/09/13	Thu 19/09/13	NA	NA	Wed 18/12/13	Tue 31/12/13	0%	0%				
1688		Drain AR2-d	12 days	Sun 08/09/13	Sun 22/09/13	NA	NA	Fri 20/12/13	Fri 03/01/14	0%	0%				
1693		Drain AR2-e	12 days	Tue 10/09/13	Mon 23/09/13	NA	NA	Sun 22/12/13	Mon 06/01/14	0%	0%				
1698		Drain AR2-f	12 days	Fri 13/09/13	Wed 25/09/13	NA	NA	Tue 24/12/13	Wed 08/01/14	0%	0%				
1703		Drain AR2-g	12 days	Sun 15/09/13	Fri 27/09/13	NA	NA	Fri 27/12/13	Fri 10/01/14	0%	0%				
1708		Drain AR2-h	12 days	Tue 17/09/13	Mon 30/09/13	NA	NA	Mon 30/12/13	Sun 12/01/14	0%	0%				
1713		Drain AR3-a	10 days	Thu 19/09/13	Mon 30/09/13	NA	NA	Thu 02/01/14	Sun 12/01/14	0%	0%				
1718		Drain AR3-b	13 days	Sun 22/09/13	Fri 04/10/13	NA	NA	Fri 03/01/14	Fri 17/01/14	0%	0%				
1723		Drain AR3-c	10 days	Tue 24/09/13	Thu 03/10/13	NA	NA	Mon 06/01/14	Thu 16/01/14	0%	0%				
1728		Drain AR4	131.25 days	Wed 25/09/13	Sun 06/10/13	Thu 19/12/13	NA	Thu 19/12/13	Sun 11/05/14	0%	0%				
1729		Excavation works	2 days	Wed 25/09/13	Fri 27/09/13	Thu 19/12/13	NA	Thu 19/12/13	Wed 08/01/14	70%	70%				
1730		Flat Brick Soling	3 days	Fri 27/09/13	Tue 01/10/13	Wed 08/01/14	NA	Wed 08/01/14	Sun 12/01/14	65%	65%				
1731		Brick on edge (110mm) Lining in MM 7.5 Mortar	2 days	Tue 01/10/13	Wed 02/10/13	Sun 12/01/14	NA	Sun 12/01/14	Tue 14/01/14	63%	63%				
1732		50mm thick Concrete Lining, M20/20	3 days	Thu 03/10/13	Sun 06/10/13	Thu 08/05/14	NA	Thu 08/05/14	Sun 11/05/14	9%	9%				
1733		Drain AR1-a	17 days	Fri 27/09/13	Mon 21/10/13	NA	NA	Wed 08/01/14	Sun 26/01/14	0%	0%				
1738		Drain AR1-b	17 days	Thu 03/10/13	Sun 27/10/13	NA	NA	Tue 14/01/14	Fri 31/01/14	0%	0%				
1743	✓	Inlet Drain Works (AR-C1)	32.63 days	Tue 21/05/13	Sun 18/08/13	Wed 23/10/13	Tue 10/12/13	Wed 23/10/13	Tue 10/12/13	100%	0%				
1749	✓	Outlet Drain Works	24.5 days	Sun 26/05/13	Sun 18/08/13	Wed 23/10/13	Mon 02/12/13	Wed 23/10/13	Mon 02/12/13	100%	0%				
1754		Roller Drain RD	30 days	Mon 26/08/13	Fri 27/09/13	NA	NA	Sun 01/12/13	Fri 03/01/14	0%	0%				
1763	✓	Manhole Works (AR-C3)	33.5 days	Fri 23/08/13	Sun 22/09/13	Thu 28/11/13	Fri 03/01/14	Thu 28/11/13	Fri 03/01/14	100%	0%				
1772		Berm Drain Works	33 days	Sun 09/06/13	Fri 13/09/13	NA	NA	Mon 10/02/14	Tue 18/03/14	0%	0%				
1788		Slope Drain Works	30 days	Wed 12/06/13	Fri 13/09/13	NA	NA	Wed 12/02/14	Tue 18/03/14	0%	0%				
1799		Consultant's Inspections & Approvals	3 days	Sun 27/10/13	Tue 29/10/13	NA	NA	Sun 11/05/14	Wed 14/05/14	0%	0%				
1800		Retaining Walls	205.45 days	Mon 01/04/13	Sun 10/11/13	Mon 19/08/13	NA	Mon 19/08/13	Wed 16/04/14	0%	0%				
1801	✓	CH 0+000-CH0+030.215 Retaining Wall (Left Side)	200.88 days	Mon 01/04/13	Mon 30/09/13	Mon 19/08/13	Thu 10/04/14	Mon 19/08/13	Thu 10/04/14	100%	0%				
1808		CH 0+000-CH0+024.29 Retaining Wall with Fence (Right Side)	121.45 days	Tue 10/09/13	Thu 24/10/13	Tue 03/12/13	NA	Tue 03/12/13	Fri 11/04/14	0%	0%				
1809	✓	Excavation works	5 days	Tue 10/09/13	Fri 13/09/13	Tue 03/12/13	Sun 08/12/13	Tue 03/12/13	Sun 08/12/13	100%	100%				
1810	✓	Stone soling works	9 days	Fri 13/09/13	Mon 16/09/13	Thu 05/12/13	Fri 13/12/13	Thu 05/12/13	Fri 13/12/13	100%	100%				

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
1811	✓ Concrete works	7 days	Mon 16/09/13	Mon 23/09/13	Tue 10/12/13	Tue 17/12/13	Tue 10/12/13	Tue 17/12/13	100%	100%				
1812	✓ Stone masonry works	33 days	Fri 13/09/13	Mon 23/09/13	Thu 12/12/13	Fri 17/01/14	Thu 12/12/13	Fri 17/01/14	100%	100%				
1813	✓ HDPE Weep piping works	26 days	Sun 22/09/13	Mon 23/09/13	Sun 15/12/13	Mon 13/01/14	Sun 15/12/13	Mon 13/01/14	100%	100%				
1814	Type 1 fencing works	8 days	Thu 10/10/13	Thu 24/10/13	NA	NA	Mon 03/02/14	Tue 11/02/14	0%	0%				
1815	✓ Filter fabrics works	2 days	Sun 20/10/13	Wed 23/10/13	Mon 10/03/14	Fri 11/04/14	Mon 10/03/14	Fri 11/04/14	100%	100%	03/03			11/04
1816	CH 0+024.29-CH0+037.99 Retaining Wall with Fence (Right Side)	165.35 days	Mon 26/08/13	Thu 24/10/13	Fri 27/09/13	NA	Fri 27/09/13	Fri 11/04/14	0%	0%				11/04
1817	✓ Excavation works	13 days	Mon 26/08/13	Tue 27/08/13	Fri 27/09/13	Thu 10/10/13	Fri 27/09/13	Thu 10/10/13	100%	100%				
1818	✓ Stone soling works	3 days	Tue 27/08/13	Fri 30/08/13	Thu 17/10/13	Sun 20/10/13	Thu 17/10/13	Sun 20/10/13	100%	100%				
1819	✓ Concrete works	9 days	Fri 30/08/13	Tue 10/09/13	Mon 28/10/13	Mon 11/11/13	Mon 28/10/13	Mon 11/11/13	100%	100%				
1820	✓ Stone masonry works	8 days	Mon 02/09/13	Tue 10/09/13	Tue 29/10/13	Thu 21/11/13	Tue 29/10/13	Thu 21/11/13	100%	100%				
1821	✓ HDPE Weep piping works	5 days	Fri 30/08/13	Mon 02/09/13	Thu 31/10/13	Sun 10/11/13	Thu 31/10/13	Sun 10/11/13	100%	100%				
1822	Type 1 fencing works	6 days	Fri 18/10/13	Thu 24/10/13	NA	NA	Wed 05/02/14	Tue 11/02/14	0%	0%				
1823	✓ Filter fabrics works	2 days	Thu 17/10/13	Sun 20/10/13	Fri 14/03/14	Fri 11/04/14	Fri 14/03/14	Fri 11/04/14	100%	100%	14/03			11/04
1824	CH 0+037.99-CH0+053.38 Retaining Wall with Fence (Right Side)	173.5 days	Sun 02/06/13	Thu 17/10/13	Wed 18/09/13	NA	Wed 18/09/13	Fri 11/04/14	0%	0%				11/04
1825	✓ Excavation works	3 days	Sun 02/06/13	Wed 05/06/13	Wed 18/09/13	Fri 20/09/13	Wed 18/09/13	Fri 20/09/13	100%	100%				
1826	✓ Stone soling works	5 days	Wed 05/06/13	Mon 10/06/13	Fri 20/09/13	Thu 26/09/13	Fri 20/09/13	Thu 26/09/13	100%	100%				
1827	✓ Concrete works	14 days	Mon 10/06/13	Sun 25/08/13	Thu 26/09/13	Thu 10/10/13	Thu 26/09/13	Thu 10/10/13	100%	100%				
1828	✓ Stone masonry works	12 days	Wed 12/06/13	Sun 25/08/13	Fri 27/09/13	Thu 10/10/13	Fri 27/09/13	Thu 10/10/13	100%	100%				
1829	✓ HDPE Weep piping works	4 days	Mon 10/06/13	Fri 14/06/13	Thu 26/09/13	Mon 30/09/13	Thu 26/09/13	Mon 30/09/13	100%	100%				
1830	Type 1 fencing works	18 days	Tue 24/09/13	Thu 17/10/13	NA	NA	Fri 17/01/14	Wed 05/02/14	0%	0%				
1831	✓ Filter fabrics works	25 days	Sun 06/10/13	Thu 17/10/13	Mon 17/03/14	Fri 11/04/14	Mon 17/03/14	Fri 11/04/14	100%	100%	17/03			11/04
1832	CH 0+053.38-CH0+094.74 Retaining Wall with Fence (Right Side)	196.45 days	Sun 05/05/13	Thu 17/10/13	Sun 25/08/13	NA	Sun 25/08/13	Fri 11/04/14	0%	0%				11/04
1833	✓ Excavation works	4 days	Sun 05/05/13	Wed 08/05/13	Sun 25/08/13	Wed 28/08/13	Sun 25/08/13	Wed 28/08/13	100%	100%				
1834	✓ Stone soling works	6 days	Tue 07/05/13	Mon 13/05/13	Mon 26/08/13	Mon 02/09/13	Mon 26/08/13	Mon 02/09/13	100%	100%				
1835	✓ Concrete works	17 days	Mon 13/05/13	Sun 02/06/13	Mon 02/09/13	Fri 20/09/13	Mon 02/09/13	Fri 20/09/13	100%	100%				
1836	✓ Stone masonry works	15 days	Wed 15/05/13	Sun 02/06/13	Tue 03/09/13	Fri 20/09/13	Tue 03/09/13	Fri 20/09/13	100%	100%				
1837	✓ HDPE Weep piping works	5 days	Mon 13/05/13	Fri 17/05/13	Mon 02/09/13	Fri 06/09/13	Mon 02/09/13	Fri 06/09/13	100%	100%				
1838	Type 1 fencing works	18 days	Tue 24/09/13	Thu 17/10/13	NA	NA	Fri 17/01/14	Wed 05/02/14	0%	0%				
1839	✓ Filter fabrics works	3 days	Mon 30/09/13	Sun 06/10/13	Wed 19/03/14	Fri 11/04/14	Wed 19/03/14	Fri 11/04/14	100%	100%	19/03			11/04
1840	CAAN Office	30 days	Thu 26/09/13	Thu 07/11/13	NA	NA	Tue 17/12/13	Sun 19/01/14	0%	0%				
1842	Consultant's Inspections & Approvals	3 days	Thu 07/11/13	Sun 10/11/13	NA	NA	Fri 11/04/14	Wed 16/04/14	0%	0%		11/04		16/04
1843	Fencing Works	27 days	Tue 11/06/13	Mon 09/09/13	NA	NA	Sun 09/02/14	Sun 09/03/14	0%	0%			09/03	
1874	Guard Post (Type 1)	38 days	Tue 11/06/13	Sun 22/09/13	NA	NA	Sun 09/02/14	Fri 21/03/14	0%	0%			21/03	
1894	Guard Post (Type 2)	38 days	Wed 12/06/13	Mon 23/09/13	NA	NA	Sun 09/02/14	Sun 23/03/14	0%	0%			23/03	
1914	Landscapping Works	11 days	Fri 25/10/13	Sun 10/11/13	NA	NA	Sun 15/02/15	Thu 26/02/15	0%	0%				
1919	HANDING-OVER DOCUMENTATION	30 days	Mon 30/09/13	Sun 10/11/13	NA	NA	Mon 26/01/15	Thu 26/02/15	0%	0%				

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
1922	A16 NEW APRON AREA (AT REMOVED INTERNATIONAL TERMINAL BUILDING DEPARTURE GATES & ARRIVAL CONCOURSE)	500.75 days	Tue 01/04/14	Mon 02/11/15	NA	NA	Tue 01/04/14	Wed 13/01/16	0%	0%	01/04			
2001	COMPONENT B: LANDSIDE TERMINAL IMPROVEMENT AT TIA	668.53 days	Sun 17/03/13	Sun 13/09/15	Sun 01/09/13	NA	Sun 01/09/13	Thu 31/12/15	0%	0%				
2002	B01 INTERNATIONAL TERMINAL BUILDING	668.53 day	Sun 17/03/13	Sun 13/09/15	Sun 01/09/13	NA	Sun 01/09/13	Thu 31/12/15	0%	0%				
2003	DELIVERABLES	503 days	Sun 17/03/13	Fri 30/01/15	Sun 01/09/13	NA	Sun 01/09/13	Mon 11/05/14	10%	0%				
2004	Submission & Approval of Shop Drawings	465 days	Sun 17/03/13	Fri 19/12/14	Sun 01/09/13	NA	Sun 01/09/13	Tue 31/03/15	35%	35%				
2005	Submission & Approval of Method Statements	340 days	Sun 01/12/13	Fri 30/01/15	Thu 13/03/14	NA	Thu 13/03/14	Mon 11/05/15	20%	20%	13/03			
2006	PROCUREMENT	435.25 day	Sun 01/12/13	Thu 19/02/15	Thu 31/10/13	NA	Thu 31/10/13	Wed 22/04/15	10%	0%				
2007	Construction materials delivery at site	360 days	Sun 01/12/13	Thu 19/02/15	Thu 31/10/13	NA	Thu 31/10/13	Wed 22/04/15	15%	15%				
2008	CONSTRUCTION	646.78 day	Tue 10/09/13	Fri 28/08/15	Sun 08/09/13	NA	Sun 08/09/13	Mon 14/12/15	10%	0%				
2009	PRELIMINARY WORKS	97.5 days	Tue 10/09/13	Fri 10/01/14	Sun 08/09/13	Fri 10/01/14	Sun 08/09/13	Fri 10/01/14	100%	0%				
2010	Topographic surveys	90 days	Tue 10/09/13	Mon 06/01/14	Sun 08/09/13	Thu 02/01/14	Sun 08/09/13	Thu 02/01/14	100%	100%				
2011	Temporary CGI fencing works	30 days	Mon 09/12/13	Fri 10/01/14	Mon 09/12/13	Fri 10/01/14	Mon 09/12/13	Fri 10/01/14	100%	100%				
2012	EXTENSION OF BAGGAGE CLAIM AREA	552.28 day	Tue 14/01/14	Fri 28/08/15	Wed 08/01/14	NA	Wed 08/01/14	Mon 14/12/15	10%	0%				
2013	Retaining Wall	249.28 day	Tue 14/01/14	Wed 11/06/14	Wed 08/01/14	NA	Wed 08/01/14	Sun 30/11/14	40%	0%				
2014	Earthworks of Foundation	37 days	Tue 14/01/14	Fri 14/02/14	Wed 08/01/14	Fri 14/02/14	Wed 08/01/14	Fri 14/02/14	100%	0%				
2018	Retaining wall	206.53 day	Mon 03/03/14	Wed 11/06/14	Sat 22/02/14	NA	Sat 22/02/14	Sun 30/11/14	40%	0%				
2019	RW1	126.25 day	Mon 03/03/14	Fri 25/04/14	Sat 22/02/14	NA	Sat 22/02/14	Mon 08/09/15	10%	0%				
2020	Sand & Gravel	7 days	Mon 03/03/14	Mon 10/03/14	Sat 22/02/14	NA	Sat 22/02/14	Mon 03/03/14	90%	90%	03/03			
2021	PCC	1 day	Thu 13/03/14	Fri 14/03/14	Thu 13/03/14	Thu 13/03/14	Thu 13/03/14	Thu 13/03/14	100%	100%	13/03			
2022	Formwork - footing	12 days	Tue 18/03/14	Fri 21/03/14	Sat 12/04/14	Fri 25/04/14	Sat 12/04/14	Fri 25/04/14	100%	100%	12/04		25/04	
2023	Reinforcement - footing	31 days	Thu 20/03/14	Wed 26/03/14	Fri 28/03/14	Wed 30/04/14	Fri 28/03/14	Wed 30/04/14	100%	100%	28/03		30/04	
2024	Concrete M25 - footing	1 day	Wed 26/03/14	Wed 26/03/14	Thu 05/06/14	Thu 05/06/14	Thu 05/06/14	Thu 05/06/14	100%	100%	05/06		05/06	
2025	Formwork - wall	18 days	Fri 28/03/14	Thu 17/04/14	Wed 18/06/14	NA	Wed 18/06/14	Wed 03/09/14	5%	5%	18/06			
2026	Reinforcement - wall	18 days	Sun 30/03/14	Fri 18/04/14	Wed 11/06/14	NA	Wed 11/06/14	Sun 07/09/14	5%	5%	11/06			
2027	Concrete M25 - wall	18 days	Sun 06/04/14	Fri 25/04/14	NA	NA	Wed 20/08/14	Mon 08/09/15	0%	0%				
2028	RW2	159.68 day	Tue 08/04/14	Thu 22/05/14	Wed 26/03/14	NA	Wed 26/03/14	Tue 11/11/14	40%	0%	26/03			
2029	Sand & Gravel	2 days	Tue 08/04/14	Thu 10/04/14	Wed 26/03/14	NA	Wed 26/03/14	Fri 03/10/14	80%	80%	26/03			
2030	PCC	1 day	Thu 10/04/14	Fri 11/04/14	Thu 03/04/14	NA	Thu 03/04/14	Sun 05/10/14	80%	80%	03/04			
2031	Formwork - footing	4 days	Tue 15/04/14	Fri 18/04/14	NA	NA	Mon 06/10/14	Fri 10/10/14	0%	0%				
2032	Reinforcement - footing	5 days	Thu 17/04/14	Wed 23/04/14	NA	NA	Thu 09/10/14	Tue 14/10/14	0%	0%				
2033	Concrete M25 - footing	1 day	Wed 23/04/14	Thu 24/04/14	NA	NA	Tue 14/10/14	Wed 15/10/14	0%	0%				
2034	Formwork - wall	14 days	Fri 25/04/14	Mon 12/05/14	NA	NA	Fri 17/10/14	Sun 02/11/14	0%	0%				
2035	Reinforcement - wall	14 days	Sun 27/04/14	Tue 13/05/14	NA	NA	Sun 19/10/14	Sun 02/11/14	0%	0%				
2036	Concrete - wall.	16 days	Tue 06/05/14	Thu 22/05/14	NA	NA	Sun 26/10/14	Tue 11/11/14	0%	0%				
2037	RW3	177.28 day	Wed 07/05/14	Wed 11/06/14	Wed 26/03/14	NA	Wed 26/03/14	Sun 30/11/14	40%	0%	26/03			
2038	Sand & Gravel	2 days	Wed 07/05/14	Fri 09/05/14	Wed 26/03/14	NA	Wed 26/03/14	Tue 28/10/14	80%	80%	26/03			
2039	PCC	1 day	Fri 09/05/14	Sun 11/05/14	Thu 03/04/14	NA	Thu 03/04/14	Wed 29/10/14	80%	80%	03/04			

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
2040	Formwork - footing	4 days	Tue 13/05/14	Fri 16/05/14	NA	NA	Thu 30/10/14	Tue 04/11/14	0%	0%				
2041	Reinforcement - footing	5 days	Thu 15/05/14	Wed 21/05/14	NA	NA	Mon 03/11/14	Fri 07/11/14	0%	0%				
2042	Concrete M25 - footing	1 day	Wed 21/05/14	Thu 22/05/14	NA	NA	Fri 07/11/14	Sun 09/11/14	0%	0%				
2043	Formwork - wall	10 days	Sun 25/05/14	Tue 03/06/14	NA	NA	Tue 11/11/14	Fri 21/11/14	0%	0%				
2044	Reinforcement - wall	10 days	Sun 25/05/14	Wed 04/06/14	NA	NA	Wed 12/11/14	Sun 23/11/14	0%	0%				
2045	Concrete - wall	10 days	Mon 02/06/14	Wed 11/06/14	NA	NA	Wed 19/11/14	Sun 30/11/14	0%	0%				
2046	Filling	45 days	Fri 28/03/14	Fri 16/05/14	NA	NA	Sun 08/06/14	Thu 25/09/14	0%	0%				
2047	Demolition and Reinstallation of Existing Utilities	223.15 days	Sun 23/02/14	Mon 25/08/14	Sun 16/02/14	NA	Sun 16/02/14	Thu 11/12/14	0%	0%				
2048	Demolition of asphalt	24 days	Sun 23/02/14	Thu 20/03/14	Sun 16/02/14	NA	Sun 16/02/14	Thu 13/03/14	80%	80%				
2049	Demolition of Wall	7 days	Thu 12/06/14	Thu 21/08/14	NA	NA	Sun 30/11/14	Sun 07/12/14	0%	0%				
2050	Earthworks	15 days	Mon 19/05/14	Tue 03/06/14	Sun 04/05/14	NA	Sun 04/05/14	Fri 10/10/14	20%	20%				
2051	Manholes	15 days	Tue 20/05/14	Wed 04/06/14	Sun 04/05/14	NA	Sun 04/05/14	Mon 19/05/15	20%	20%				
2052	Subbases	5 days	Tue 20/05/14	Sun 25/05/14	NA	NA	Sun 04/05/14	Thu 08/05/14	0%	0%				
2053	Pipes	15 days	Thu 22/05/14	Fri 06/06/14	NA	NA	Mon 05/05/14	Wed 21/05/14	0%	0%				
2054	Filling	4 days	Thu 21/08/14	Mon 25/08/14	NA	NA	Sun 07/12/14	Thu 11/12/14	0%	0%				
2055	Demolition existing pipes	3 days	Mon 18/08/14	Thu 21/08/14	NA	NA	Thu 04/12/14	Sun 07/12/14	0%	0%				
2056	Structural Works	124 days	Mon 25/08/14	Fri 02/01/15	NA	NA	Thu 11/12/14	Tue 21/04/15	0%	0%				
2081	Architectural Works	177 days	Fri 05/12/14	Thu 11/06/15	NA	NA	Thu 26/03/15	Fri 27/11/15	0%	0%				
2108	Terminal Equipments	61 days	Thu 16/04/15	Thu 20/08/15	NA	NA	Sun 04/10/15	Sun 06/12/15	0%	0%				
2122	Mechanical Works	155 days	Thu 08/01/15	Thu 20/08/15	NA	NA	Mon 27/04/15	Sun 06/12/15	0%	0%				
2157	Electrical Works	168 days	Sun 04/01/15	Fri 28/08/15	NA	NA	Tue 21/04/15	Mon 14/12/15	0%	0%				
2251	EXTENSION OF GATE LOUNGE AREA	587.88 days	Sun 22/09/13	Sun 14/06/15	Wed 18/09/13	NA	Wed 18/09/13	Sun 25/10/15	0%	0%				
2252	Location of unknown existing utilities	121.5 days	Sun 22/09/13	Fri 14/02/14	Wed 18/09/13	Fri 14/02/14	Wed 18/09/13	Fri 14/02/14	100%	0%				
2258	Demolition Works	42.63 days	Sun 02/03/14	Tue 01/04/14	Sun 02/03/14	NA	Sun 02/03/14	Thu 17/04/14	0%	0%				
2259	Authorisation by TIA	26 days	Sun 02/03/14	Mon 17/03/14	Sun 02/03/14	Sun 30/03/14	Sun 02/03/14	Sun 30/03/14	100%	100%				
2260	Demolition of staircase	15 days	Mon 17/03/14	Tue 01/04/14	Tue 01/04/14	NA	Tue 01/04/14	Thu 17/04/14	85%	85%				
2261	Structural Works	227.25 days	Sun 16/02/14	Mon 06/10/14	Sun 16/02/14	NA	Sun 16/02/14	Mon 15/12/14	0%	0%				
2262	Manual Excavation	30 days	Sun 16/02/14	Thu 20/03/14	Sun 16/02/14	NA	Sun 16/02/14	Thu 20/03/14	80%	80%				
2263	Sand and gravel	9 days	Fri 14/03/14	Tue 25/03/14	Tue 06/05/14	NA	Tue 06/05/14	Wed 14/05/14	75%	75%				
2264	Foundation	47.38 days	Tue 18/03/14	Mon 21/04/14	Wed 14/05/14	NA	Wed 14/05/14	Wed 03/09/14	0%	0%				
2265	Lean concrete	4 days	Tue 18/03/14	Fri 21/03/14	Wed 14/05/14	NA	Wed 14/05/14	Sun 18/05/14	74%	74%				
2266	Formwork - footings	20 days	Tue 18/03/14	Tue 08/04/14	Sun 25/05/14	NA	Sun 25/05/14	Fri 13/06/14	45%	45%				
2267	Formwork - tie beams	10 days	Fri 04/04/14	Tue 15/04/14	NA	NA	Tue 10/06/14	Fri 22/08/14	0%	0%				
2268	Reinforcement	12 days	Thu 20/03/14	Wed 02/04/14	Thu 22/05/14	NA	Thu 22/05/14	Wed 04/06/14	55%	55%				
2269	Reinforcement - columns	12 days	Wed 02/04/14	Tue 15/04/14	Mon 26/05/14	NA	Mon 26/05/14	Sun 17/08/14	10%	10%				
2270	Concrete	17 days	Wed 02/04/14	Mon 21/04/14	Fri 27/06/14	NA	Fri 27/06/14	Wed 03/09/14	20%	20%				
2271	Ground Floor	17 days	Fri 18/04/14	Wed 07/05/14	NA	NA	Mon 01/09/14	Thu 18/09/14	0%	0%				
2276	First Floor	30 days	Tue 06/05/14	Fri 06/06/14	NA	NA	Wed 17/09/14	Sun 19/10/14	0%	0%				
2283	Roof Floor	21 days	Tue 03/06/14	Wed 27/08/14	NA	NA	Wed 15/10/14	Thu 06/11/14	0%	0%				
2287	Parapets	15 days	Sun 08/06/14	Mon 25/08/14	NA	NA	Mon 20/10/14	Tue 04/11/14	0%	0%				

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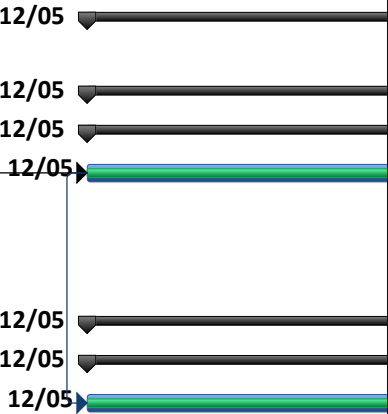
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MAIN CONTRACTOR: CONSTRUCTORA SAN JOSE S.A., SPAIN

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ID	Task Name	Duration	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Start	Finish	% Work Complete	Physical % Complete	2014			
											Mar	Apr	May	Jun
2291	Steel Structure	32 days	Tue 02/09/14	Mon 06/10/14	NA	NA	Wed 12/11/14	Mon 15/12/14	0%	0%				
2294	Architectural Works	266 days	Mon 25/08/14	Mon 01/06/15	NA	NA	Tue 04/11/14	Sun 11/10/15	0%	0%				
2321	Terminal Equipments	51 days	Tue 21/04/15	Sun 14/06/15	NA	NA	Wed 02/09/15	Sun 25/10/15	0%	0%				
2331	Mechanical Works	269 days	Sun 31/08/14	Tue 09/06/15	NA	NA	Sun 09/11/14	Mon 19/10/15	0%	0%				
2366	Electrical Works	274 days	Sun 31/08/14	Sun 14/06/15	NA	NA	Sun 09/11/14	Sun 25/10/15	0%	0%				
2460	EXTENSION OF BUS ARRIVAL AREA	592.88 day	Sun 22/09/13	Fri 28/08/15	Wed 18/09/14	NA	Wed 18/09/13	Thu 29/10/15	0%	0%				
2461	Location of unknown existing utilities	120.13 day	Sun 22/09/13	Thu 13/02/14	Wed 18/09/13	Thu 13/02/14	Wed 18/09/13	Thu 13/02/14	100%	0%				
2465	Structural Works	168 days	Tue 02/09/14	Thu 26/02/15	NA	NA	Tue 04/11/14	Wed 29/04/15	0%	0%				
2498	Architectural Works	132 days	Sun 01/02/15	Wed 19/08/15	NA	NA	Fri 03/04/15	Tue 20/10/15	0%	0%				
2525	Terminal Equipments	31 days	Mon 18/05/14	Thu 20/08/15	NA	NA	Sun 20/09/15	Wed 21/10/15	0%	0%				
2531	Mechanical Works	134 days	Sun 08/02/15	Fri 28/08/15	NA	NA	Fri 10/04/15	Thu 29/10/15	0%	0%				
2566	Electrical Works	134 days	Sun 08/02/15	Fri 28/08/15	NA	NA	Fri 10/04/15	Thu 29/10/15	0%	0%				
2660	MISCELLANEOUS CIVIL WORKS	141 days	Wed 21/01/14	Tue 18/08/15	NA	NA	Tue 24/03/15	Mon 19/10/15	0%	0%				
2681	TESTING & COMMISSIONING	40 days	Wed 03/06/14	Fri 04/09/15	NA	NA	Tue 10/11/15	Tue 22/12/15	0%	0%				
2689	HANDING-OVER DOCUMENTATION	38 days	Wed 03/06/14	Sun 13/09/15	NA	NA	Fri 20/11/15	Thu 31/12/15	0%	0%				
2695	B03 GENERATOR HOUSE	263 days	Wed 28/05/14	Sun 03/05/15	NA	NA	Thu 06/11/14	Sun 11/10/15	0%	0%				
2778	B04 SUBSTATION P-1	265 days	Fri 25/04/14	Thu 02/04/15	NA	NA	Mon 06/10/14	Fri 11/09/15	0%	0%				
2854	B05 SUBSTATION P-2	265 days	Tue 25/03/14	Mon 02/03/15	NA	NA	Fri 05/09/14	Wed 10/06/15	0%	0%				
2930	B06 PUMP HOUSE	304 days	Wed 28/05/14	Sun 14/06/15	NA	NA	Thu 06/11/14	Sun 22/11/15	0%	0%				
3029	COMPONENT C: LANDSIDE TERMINAL IMPROVEMENT AT SIMIKOT & RARA AIRPORTS	546 days	Sun 17/03/13	Mon 16/03/15	Mon 12/05/14	NA	Mon 12/05/14	Thu 07/04/16	0%	0%				
3030	C01 SIMIKOT AIRPORT	546 days	Sun 17/03/13	Mon 16/03/15	Mon 12/05/14	NA	Mon 12/05/14	Thu 07/04/16	0%	0%				
3031	DELIVERABLES	282 days	Sun 17/03/13	Tue 08/04/14	Mon 12/05/14	NA	Mon 12/05/14	Tue 05/05/15	0%	0%				
3032	Material Approval Submittals (MAS) - Preparation, Submissions & Approvals	282 days	Sun 17/03/13	Tue 08/04/14	Mon 12/05/14	NA	Mon 12/05/14	Tue 05/05/15	50%	50%				
3033	PROCUREMENT	215 days	Mon 12/05/14	Tue 24/02/15	NA	NA	Fri 05/06/15	Fri 18/03/16	0%	0%				
3059	HANDING-OVER DOCUMENTATION	114 days	Sun 16/11/14	Mon 16/03/15	NA	NA	Wed 09/12/15	Thu 07/04/16	0%	0%				
3064	C02 RARA AIRPORT	546 days	Sun 17/03/13	Mon 16/03/15	Mon 12/05/14	NA	Mon 12/05/14	Thu 07/04/16	0%	0%				
3065	DELIVERABLES	282 days	Sun 17/03/13	Tue 08/04/14	Mon 12/05/14	NA	Mon 12/05/14	Tue 05/05/15	0%	0%				
3066	Material Approval Submittals (MAS) - Preparation, Submissions & Approvals	282 days	Sun 17/03/13	Tue 08/04/14	Mon 12/05/14	NA	Mon 12/05/14	Tue 05/05/15	50%	50%				
3067	PROCUREMENT	215 days	Mon 12/05/14	Tue 24/02/15	NA	NA	Fri 05/06/15	Fri 18/03/16	0%	0%				
3093	HANDING-OVER DOCUMENTATION	114 days	Sun 16/11/14	Mon 16/03/15	NA	NA	Wed 09/12/15	Thu 07/04/16	0%	0%				
3098	TAKING-OVER CERTIFICATE (TOC)	0 days	Tue 15/03/16	Tue 15/03/16	NA	NA	Fri 13/05/16	Fri 13/05/16	0%	0%				



Project: ICB-01
Date: 01 JULY 2014

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

Deadline

Critical

Critical Split

Progress

ATCEP, Contract Package - ICB 02: Supply and Installation of CNS/ATM Equipment at TIA and Lukla Airport

WORK SCHEDULE

Annex-C

