

# Harirod Construction Company

**An ISO 9001:2015  
OHSAS 18001:2007  
Certified**



# TABLE OF CONTENTS

	Page
<b>INTRODUCTION</b>	<b>3</b>
<b>HOW WE WORK</b>	
CPI - Critical Project Implementation	<b>4</b>
Health and Safety Policy	<b>6</b>
Quality Control Procedures	<b>7</b>
A-E Design	<b>9</b>
<b>PROJECTS</b>	
Projects List	<b>11</b>
Projects-facts	<b>12-43</b>
<b>EQUIPMENT</b>	
Concrete Mixing Facilities	<b>44</b>
Equipment List	<b>46</b>

# INTRODUCTION

Harirod Construction Company, an **ISO 9001:2015** certified organization, headquartered in Kabul, **founded in 1993** and registered with **AISA in 2003** under the laws of Afghanistan, has built a solid reputation of excellence and strong heritage of quality, stability and leadership in the marketplace.

Harirod Construction Company is a full service design and construction firm and has in house capabilities to self-perform the **Design and Construction work of Multiple Task Orders** projects, beside these we also providing services in the areas of **Maintenance, Trading, Transport, Ready Mix Concrete and Asphalt** throughout the 4 provinces of Afghanistan such as Kabul, Parwan, Mazar and Herat.

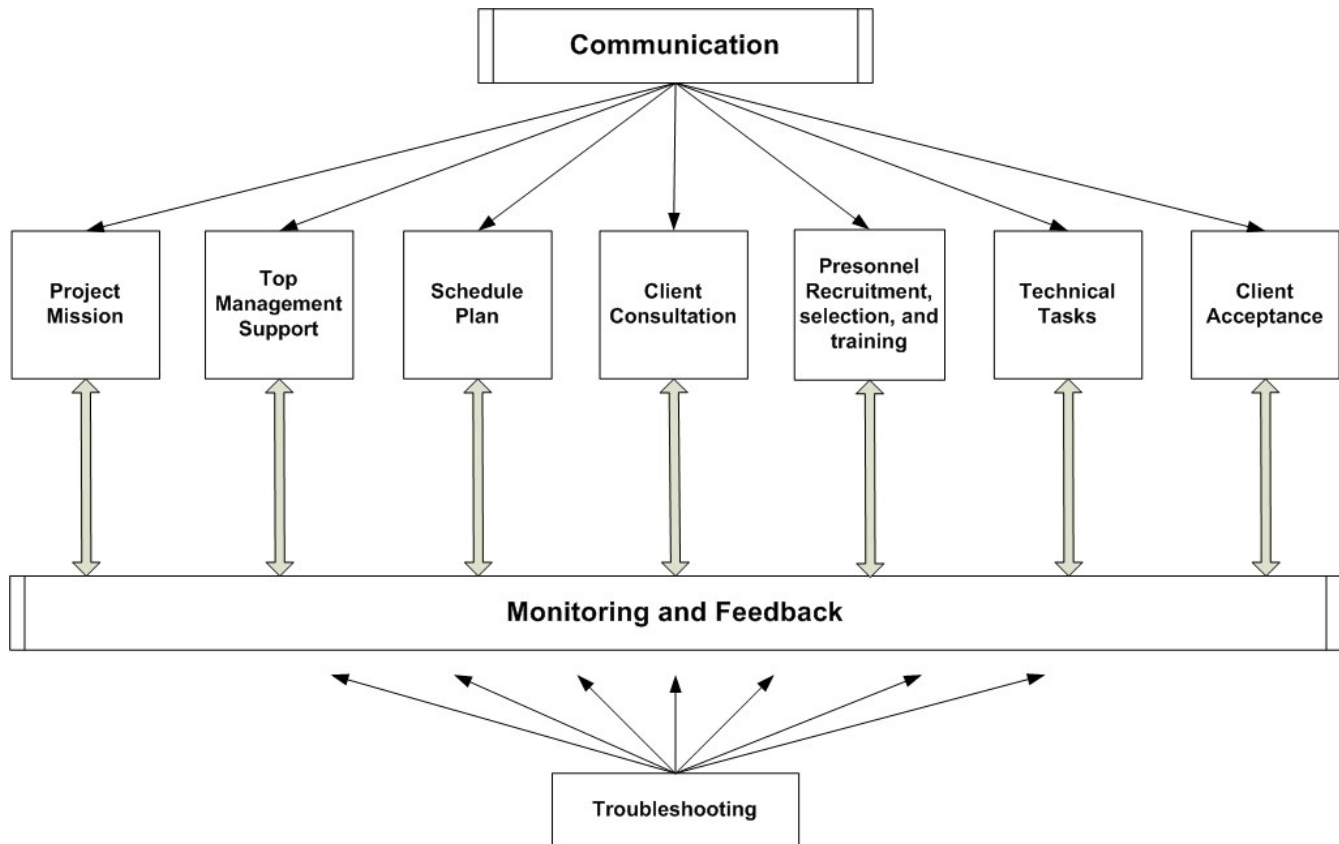
Harirod Construction Company has a large number of highly trained and skilled staff, consisting of professional engineers, designers, superintendents and foreman, project managers, field engineers, safety personnel, estimators, cost control engineers, accounting personnel and home office support. To date, our team has successfully completed numerous diversified construction projects throughout Afghanistan. Harirod Construction Company is one of the largest suppliers of ready-mixed concrete in Afghanistan, having **6 functional Ready Mix Concrete Batching Plants and 1 Asphalt Plant** throughout the country and has the experience and knowledge necessary to manufacturing different types of concrete and owned several modern concrete mixing facilities.

Our Company has always been committed to total client satisfaction and is proud of the long-lasting relationships we've built with our customers. One of the reasons we continue to enjoy a significant amount of repeat business is our **"Open Book Policy"**. The Company provides its Owner's full documentation for each pay application, full reporting and complete access to this information throughout the duration of our projects.

The Company has built a reputation of exceeding client expectations in regards to quality, budget and schedule. Our proven **QA/QC program** ensures that our projects are constructed per plans, specifications, and applicable codes while at the same time facilitating a high level of craftsmanship. This program has been successfully utilized on numerous projects totaling nearly a million of dollars of work-in-place and involving interaction with multiple subcontractors, public, government agencies, and clients. Harirod Construction Company takes great pride in our ability to fast-track our projects with **extremely aggressive timelines** based on our pre-planning efforts and execution of our unique pre-construction procedures.

# CRITICAL PROJECT IMPLEMENTATION

**P**rojects in Afghanistan are always critical to implement, and many aspects have to be considered in order to conduct a project that is successful in the end. Among the key factors, communication across cultural boundaries is the imperative variable to focus on, as many issues that later become problems originate from here. Therefore, a close monitoring of inputs and outputs should always go together with excellent inter-cultural relationships and understanding.



**U**nderstanding the impact of exterior conditions in Afghanistan on a project is a second key variable that leads to success.

Afghanistan is a war torn country with conflicts between tribes, military, and other governmental entities ever since. No project could be done, not a single stone be laid without considering these implications which are too simply called „security“. Because they are not security, they are conditions like the changing weather and the ice in the winter. And conditions must be respected.

Therefore it is imperative to know your environment, and that environment is not consistent within Afghanistan.

One major condition when conducting a

Construction project in Afghanistan is the relationship to the neighboring countries. For example, most construction materials have to be imported from - say - Pakistan. In that moment, the project is not only depending on the tribal and governmental issues within Afghanistan, but also on the inter-governmental and NATO relationships to Pakistan.

Accordingly, you do not only have to deal with the internal issues you're having when doing for example a logistics task for your project within Afghanistan, but first of all you have to plan in advance how you get the material with 3 months lead time out of the Pakistanian customs. If they close the border - which can happen without prior notice - your project delays unexpectedly, but costly in the aftermath.



# CRITICAL PROJECT IMPLEMENTATION



It is inevitable to import various goods to Afghanistan in order to successfully perform a project implementation. Therefore, a thorough understanding of supply routes, risks and usability of the routes is essential. While the middle of the country is nearly not developed at all, most supply will happen from a „Ring Road“ which leads all through the country.

Transport	Type	Routing	Time	Cost
Option I	Sea	USA-AFG	6-10 wk	ca. 20-25K US\$
Option II	Sea	EU - UAE - AFG	4-8 wk	ca. 8K US\$
Option III	Rail	EU - RUS - UZB - AFG	4-6 wk	ca. 10-15K US\$
Option IV	Road	EU - RUS - UZB - AFG	3-4 wk	ca. 15K US\$
Option V	Air	World - AFG	0.5-1 wk	ca. 315K US\$
Transport costs vary depending on the load, weight and dimensions; costs are given for one standard unit, except Option V where it represents a fully chartered cargo aircraft. The rail transport option has - due to its complex operations - a varying timeline.				
Customs			1-2 wk	
In-Country Forwarding			1-3 wk	1K - 15K USD

# HEALTH & SAFETY POLICY



**S**afety matters, especially in construction. That is why Harirod is training its personnel to be aware of safety risks, and how to prevent accidents.

As an OHSAS 18001 : 2007 certified company, Harirod is committed to safety.

For each project, a detailed occupational safety and health plan is worked out, taking the special project requirements into consideration.



## Safety matters



It is made sure that on each site Safety personnel with sufficient qualification and training are assigned. This includes the OSHA 30h training as a minimum.

The strictest safety standard to adhere to in Afghanistan is the US Government standard which is reflected in Engineering Manual EM 385-1-1.

All Site Safety Manuals used in Harirod's projects are written up following this EM-385 standard to ensure compliance with the international issued construction contracts that are common in Afghanistan.



# QUALITY CONTROL

Submittal Procedures are critical for a successfully performed project. Accordingly, they have to be treated with due diligence in order to meet the agreed goals.

Especially long lead items require submittals as soon as possible in the project lifecycle. They also tie deeply into the design efforts that are done for the project.

At Harirod, all submittal activities will be handled by the QC Manager, the Submittals Manager, and the Chief Purchase Officer. They are forming a team and retrieve the correct data which is required for a quick and concise approval action by the Contracting Officer because it is made sure that all contract requirements are met throughout the supply chain. They are supported by a large database including current cutsheets, supplier contacts and more information to speed up the submittal and purchase process.

A further tie-in point is the project schedule, and the Project Manager will monitor and supervise the submittal team in order to meet the required timeline.



Tests are very important for monitoring a continuous and consistent quality of the end product that is produced by the construction teams. Furthermore, they have to be performed by an approved independent party to make sure they give back true, realistic, and repeatable results that represent the measurable quality output of the project.

All tests within a project will be performed as required by the contract documents and/or a third party QA organization that might be involved. To make sure all tests are conducted according to the contract requirements, a test schedule is developed and submitted to the Client along with the Project Quality Control plan. The tests are then executed according to this schedule, while the client or his representatives are always invited to witness the tests.

3 Phases of Control are required for most Governmental projects that are funded for Afghanistan. Three Phases of Control are needed to provide a project that is on schedule, within the contract specifications and according to the requirements the client has for that specific project.

## Phase 1: Preparatory Inspection

A preparatory inspection encompasses all aspects of a specific construction task that has to be performed within the project. In this phase, all involved parties are made aware of the constraints, changes, and requirements and are expected to perform according to these in the field.

## Phase 2: Initial Inspection

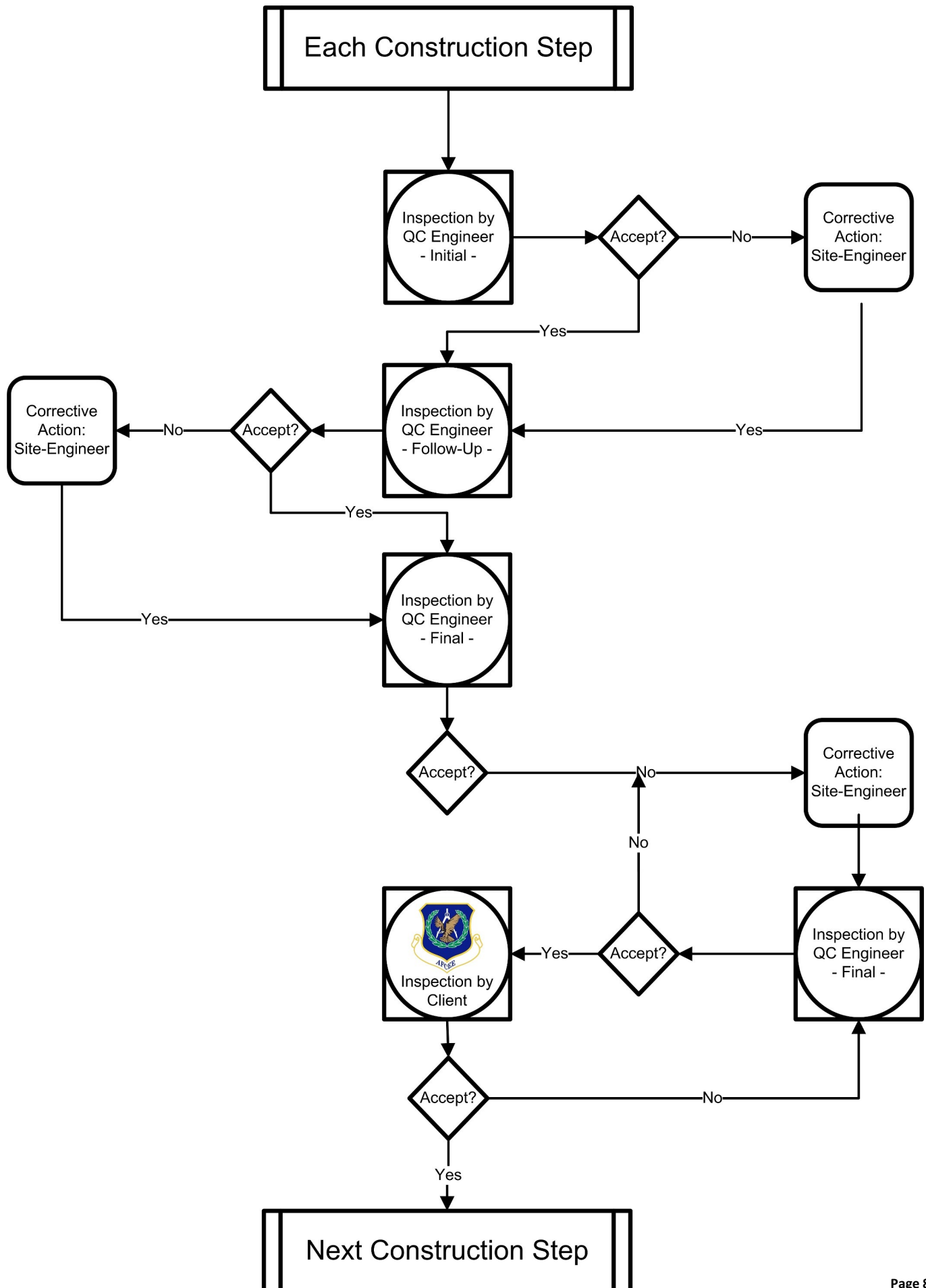
The initial inspection takes place after the specific task has been started physically in the field. In this phase, compliance with the contract documents, environmental conditions, work procedures, and used materials is focused on and corrected if required.

## Phase 3: Follow-Up Inspection

In this phase, the compliance with all requirements is made sure as in Phase 2. The follow-up inspection significantly reduces the amount of non-conforming results and makes



# QUALITY CONTROL

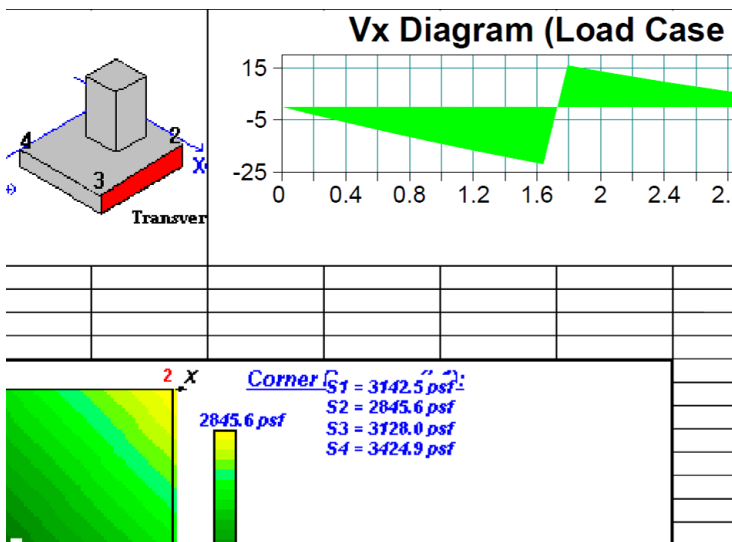
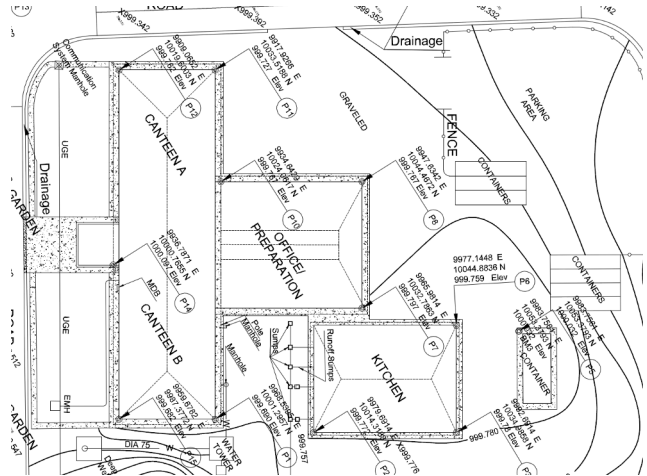


# A-E DESIGN

A good design is half of the project performance. This statement is especially justified in Afghanistan, as many restrictions apply.

We at Harirod consider a holistic design approach, and do not only consider the building and its systems, but also how the end user will take advantage of it.

Basic and most important among others is a good architectural design, encompassing the needs of the people who finally stay in this building, and the tasks they will perform.



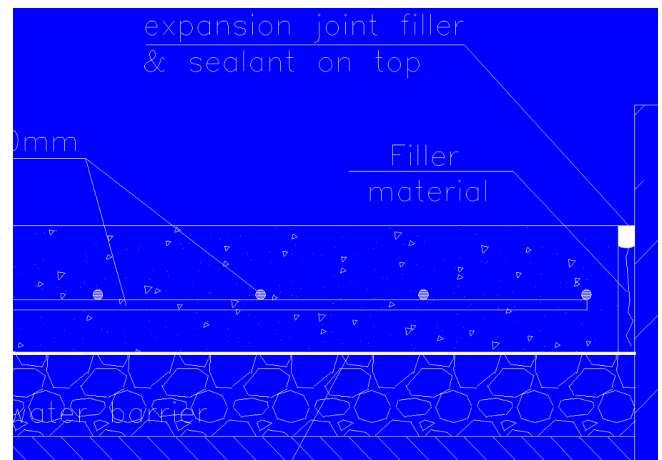
Electrical design is very critical for construction in Afghanistan, as those systems represent a source for accidents and fires. Especially the generator-driven power plants that are widely used throughout the country require a specific design due to the high loads that are handled there. And all of this under conditions that are not common in most parts of the world.

This continues with Mechanical and Plumbing, and Harirod's design experts follow a diligent and careful approach to build facilities that last and create a true value for the user.

With a full-performing design office to include Architectural, Structural, MEP, and Security design, we at Harirod can offer a wide variety of services to our clients.

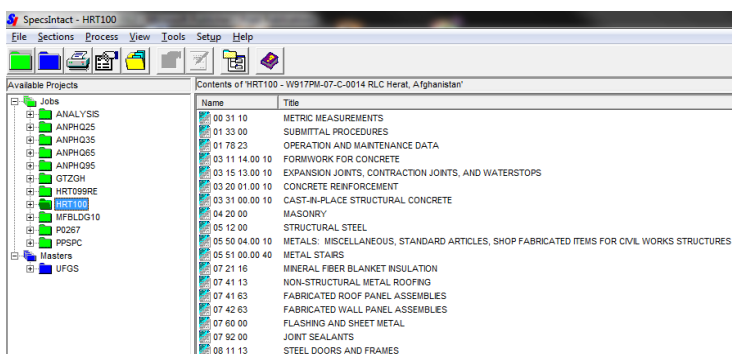
Our design team is used to working with various international clients from eight nations, while respecting different cultures and their values and beliefs.

At all times, the design is furnished *around* the client and incorporates the client's visions and ideas to ensure that the final design is the best distilled result possible.



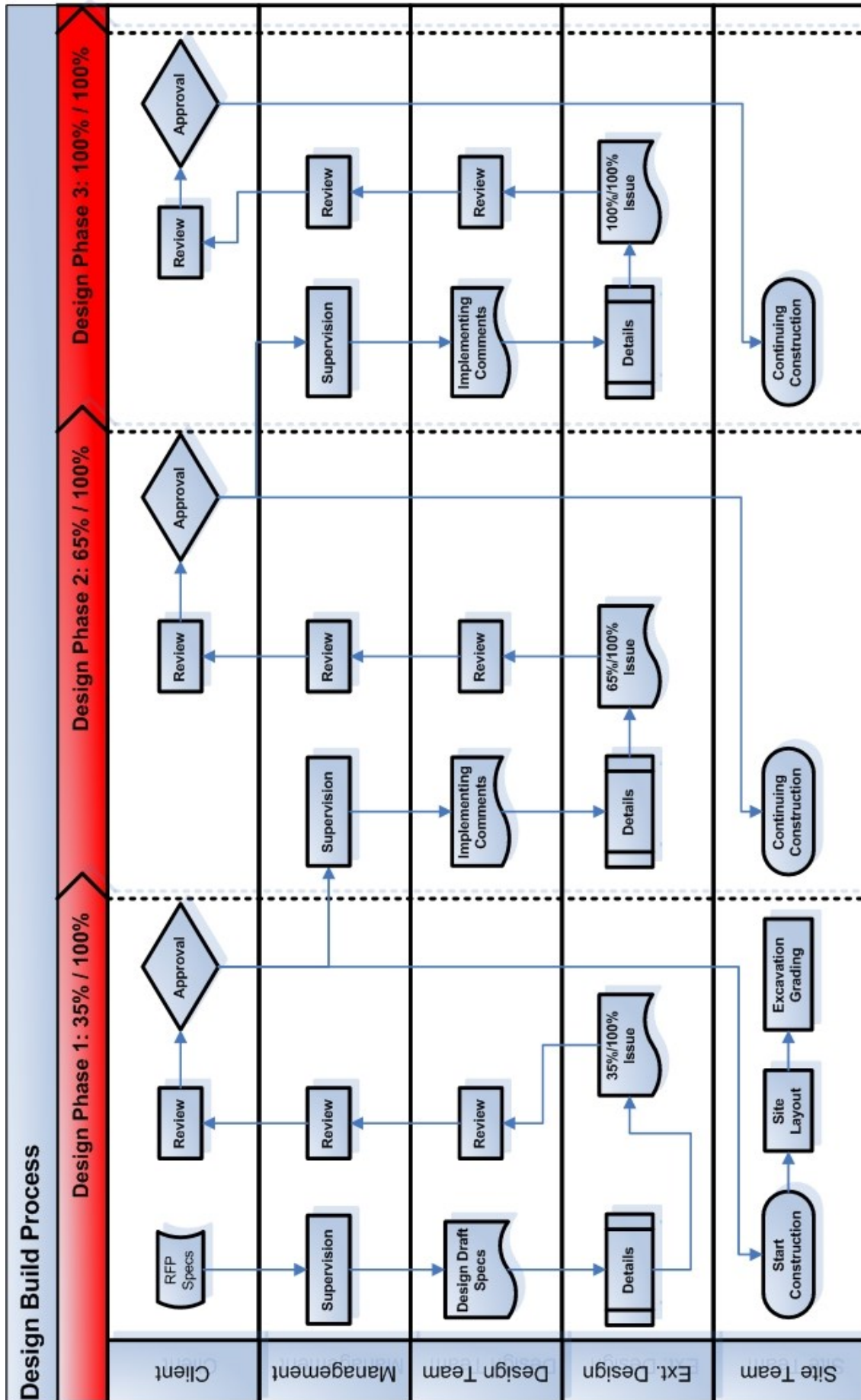
## Design Office equipment includes:

- AutoCAD Workstations
- Structural Engineering Suite ETABS/SAP 2000
- Standards library including IBC, IPC, IEC, NFPA, UFC
- Synology 4TB RAID NAS System
- Canon A0 colour plotter
- Sheet cutting device
- Revision table





# A-E DESIGN



# PROJECT OVERVIEW

## Selection of few Projects throughout Afghanistan

No	Description	Location	Client
1	Construction of the Terminal of the Kabul International Airport	Kabul	JICA / DNC
2	Design & Construct Facilities to Support the Uniform Police Regional Headquarters, Regional Logistic Centre & stand by police battalion in Herat	Herat	US Army Corps of Engineers AED
3	Renovation of a Dining Facility at South-KAIA	Kabul	US Army Corps of Engineers AED
4	Parwan Irrigation Improvements Phase II	Parwan	China Aid for Afghanistan
5	Construction of the New Ministry of Defense HQ, Kabul	Kabul	ITSI Innovative Technical Solutions Inc.
6	Environmental Support Services (Airport Up Keeping) KIA	Kabul	Ministry of Transport (MOTCA)
7	Rehabilitation of Airfield Pavement at KIA	Kabul	World Kaihatsu Kogyo Co. Ltd Japan
8	Construction of Hospital for Communicable Diseases	Kabul	Ministry of Public Health
9	Construction of Technical Teacher Training Academy (TTTA) Kabul	Kabul	Ministry of Education/KFW/PEM
10	Construction of Agriculture High School Kunduz	Kunduz	Ministry of Education/KFW/PEM
11	Construction of Technical Teacher Training Academy (TTTA) Mazar	Mazar	Ministry of Education/KFW/PEM
12	Construction of Terminal Building , Utility Buliding & Fire Station of Bamyan Airport	Bamyan	UNOPS
13	Construction of National Agricultural Education College Kabul	Kabul	CDI Netherland
14	Design and Construction of Residential and Office Facility for the Retired President of Afghanistan	Kabul	Office of Administrative Affairs & Council of Ministers Secretariat
15	Rehabilitation & Expansion of Aircraft Parking Aprons at Kabul International Airport Phase 2	Kabul	TSUCHIYA Corporation, Japan
16	Construction of Technical/Mechanical & Accounting/ Commerce College (TMAC)	Taloqan	Ministry of Education/KFW/PEM
17	Construction of Engineering College	Mazar	Ministry of Education/KFW/PEM

# Construction of the New Terminal Building of Kabul International Airport - Kabul



## Construction of the New Terminal of Kabul International Airport – Kabul- Project Facts



**Client:** Afghanistan Civil Aviation Authority (ACAA)  
**Funding Agency:** JICA-Japan  
**Contractor:** Dai Nippon Construction Company ( DNC)  
**Year:** 2007 - 2008  
**Location:** Kabul  
**Company Role:** Sub-Contractor



### Scope of Work:

The project of the new Civilian Terminal at Kabul International Airport (KIA) encompassed full construction of a terminal building in an operational airport environment.

The building included a complex substructure, consisting mainly of foundations including **large utility trenches and underground water tanks**. Especially complex was the **Japanese design** which strictly followed very sophisticated seismic standards.

The terminal is now fully operational and equipped with world class security and baggage conveying systems - something not available before in Afghanistan.

Finally, the project has been very successful in its overall outcome, and both the Japanese and Afghanistan Government appreciate this building as a token of close friendship between the two countries.



# Construction of the New Terminal Building of Kabul International Airport - Kabul





# Design & Construct Facilities to Support the Uniform Police Regional Headquarters Regional Logistics Centre & Standby Police Battalion in Herat - Afghanistan



## Design & Construct Facilities to Support the Uniform Police Regional Headquarters, Regional Logistic Centre & Stand by Police Battalion in Herat Afghanistan- Project Facts

**Contract #:** W917PM-07-C-0014

**Client:** Ministry of Interior

**Funding Agency:** US Army Corps of Engineers AED

**Year:** 2007 - 2010

**Location:** Herat

**Company Role:** Joint Venture



### Scope of Work:

Design and Construction of facilities to support the Uniform Police Regional Headquarters, Regional Logistics Center and Stand-By Police Battalion in Herat, Afghanistan.

Related facilities include dining facilities, storage yard, barracks, toilets, showers, laundry building, administrative buildings, headquarters buildings, electronic and communications building, weapons facility, small arm maintenance shop, ammunition supply point, vehicle refueling point, vehicle parking, maintenance facility, storage and trash points and a Battalion Command Center.



# Design & Construct Facilities to Support the Uniform Police Regional Headquarters Regional Logistics Centre & Standby Police Battalion in Herat



Potable Water Purification system with backwash filters, chlorination unit, and electronic UV treatment stage



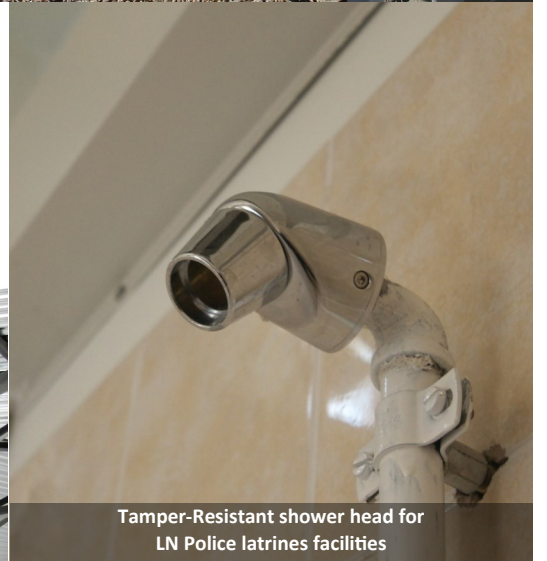
Semi-Automatic relay logic fuel pump control system for the fuel farm, three generators, and the split tank refueling point; including control for ext/int filling ports



Prefabricated System Manholes and Pumpstation for Site Sewage Collection & Treatment Network



Welded steel webgirder from box profiles, comprising a central canopy for the Uniformed Police Headquarters



Tamper-Resistant shower head for LN Police latrines facilities



Fuel Farm with 4 x 20K gal single layer mild steel tanks, completely equipped with interior



Split-Tank with Dispensing Unit for Vehicle Refuel Tank Double layer tank with 10K/10K gal Diesel/Mogas



# Design-build Construction of the SKIA Dinning Facility Renovation for ANA



## Design-build Construction of the South Kabul International Airport (SKIA) Dinning Facility Renovation for ANA- Project Facts

**Contract # :** W5J9JE-10-P-0267  
**Client:** Ministry of Defense  
**Funding Agency:** US Army Corps of Engineers AED  
**Year:** 2010 - 2011  
**Location:** Kabul  
**Company Role:** Prime Contractor



### Scope of Work:

For the Afghan National Army, Harirod **renovated a Dining Facility located at South KIA**. The contract was awarded to Harirod by the US Army Corps of Engineers in Kabul.

This project proved to have some delicate challenges, as it was located within an existing and fully operational Army base. Therefore, also the Dining Facility was in use during construction. Ways had to be found in order to **accommodate the 1,200 personnel being served in that facility each day**.

The renovation encompassed a complete exchange of all interior finished, doors, windows, and utility systems. Especially important was the electrical system: this had to be replaced to an all new EMT conduit surface mounted system, to include a Manual Transfer Switch and hookup to the existing Army base power system.

Furthermore, a subsurface leach field was incorporated, and precast Grease Separators were built.

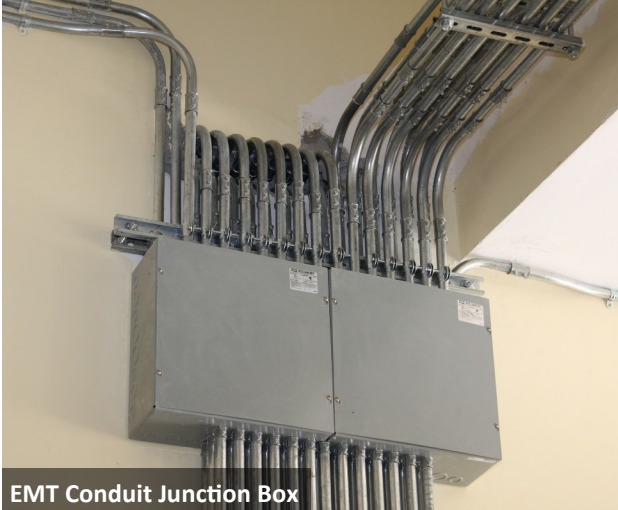
Most challenging of all was the redesign and construction of the wood fired cooking stoves - these had to be connected via a stacked exhaust with cold air induction to increase the pressure difference. Moreover, locally produced cast iron plates were used to provide a tough basis for the ANA personnel to cook their meals on.

Finally, the project was executed professionally, on schedule and within the required specifications.

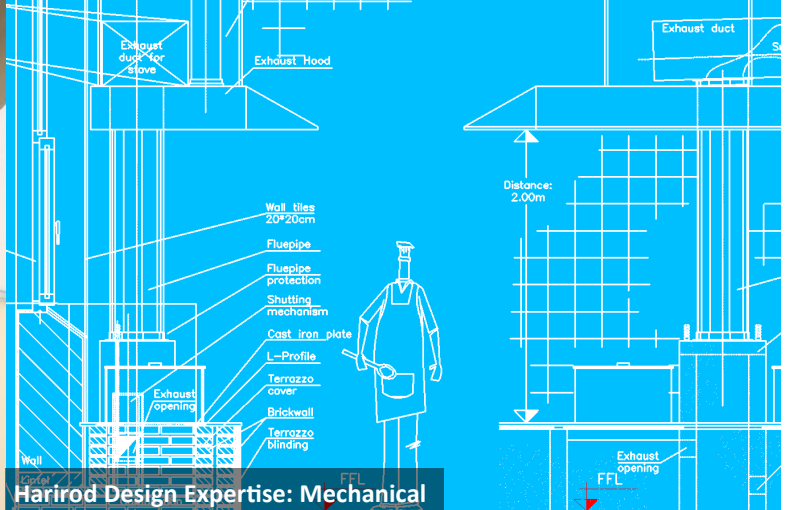


# Design-build Construction of the SKIA Dinning Facility Renovation for ANA

Renovated Dining Facility, exterior view



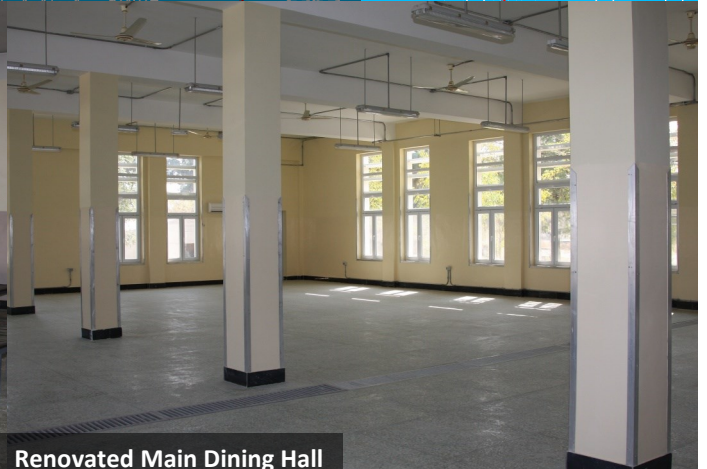
EMT Conduit Junction Box



Harirod Design Expertise: Mechanical



Original Main Dining Hall



Renovated Main Dining Hall



Original Kitchen



Renovated Kitchen



# Construction of the Ministry of Defense HQ Buildings 100



© picture-alliance/AP Photo/Rahmat Gul

## Construction of the Ministry of Defense HQ Buildings 100, Kabul - Project Facts

**Sub Contract #:** 5491.07031.3517  
**Client:** Ministry of Defense  
**Funding Agency:** Air Force Center for Engineering and the Environment (AFCEE)  
**Contractor:** Innovative Technical Solutions Inc. (ITSI)

**Year:** 2011 - 2013  
**Location:** Kabul  
**Company Role:** Sub-Contractor



**ITSI Gilbane**

### Scope of Work:

The Ministry of Defense Headquarters in Kabul is **currently the largest single building in Afghanistan**. Therefore, Harirod is very proud that ITSI selected us for construction of this massive building.

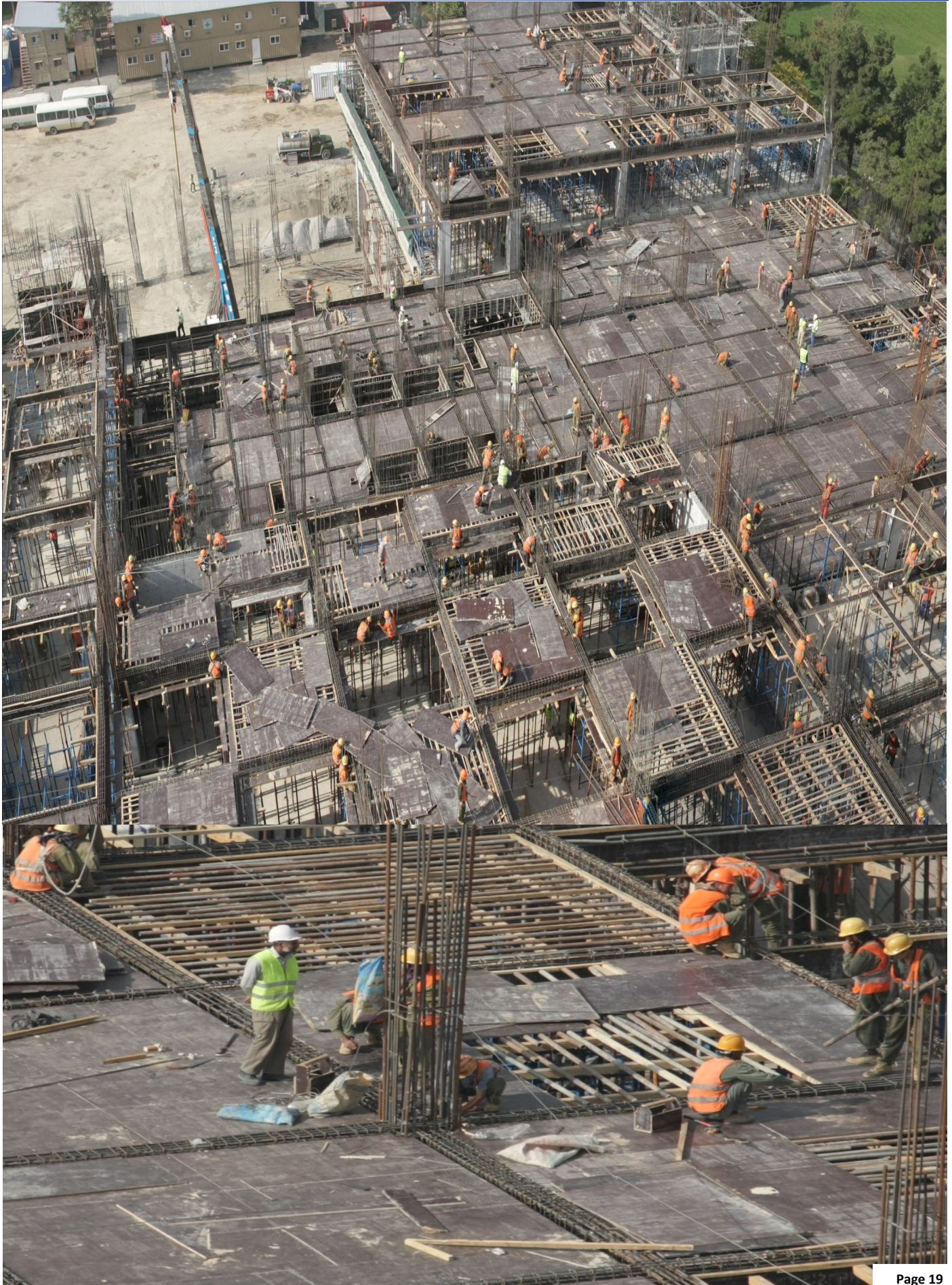
Extremely tight schedules had to be met in order to complete the building within the desired timeline delivered by the client.

Main accomplishments Harirod reached were:

- Mobilization of 250 personnel within 2 weeks
- Incorporation of a fast track schedule, and getting the project back to original schedule within 8 weeks
- Supply of estimated 30,000 sqm formwork and associated propping
- Peak labor amounts of 950 personnel per day



# Construction of the Ministry of Defense HQ 100 Buildings





# Procurement of Maintenance Services for HKIA



## 1. Environmental Support Services (Airport Up Keeping) KIA (Contract No ICB # MOTCA/959/ICB)

**Client:** Ministry of Transport & Civil Aviation  
**Year:** 03-06-2009 to 30-06-2012  
**Location:** Kabul  
**Company Role:** Prime Contractor



## Extensions:

### I) Procurement of Maintenance Services for KIA (Contract No. MOTCA/1494//NCB)

**Client:** Ministry of Transport & Civil Aviation  
**Year:** 18-12-2012 TO 07-12-2013 2

### II) Procurement of Maintenance Services for KIA (Contract No. MOTCA/1833/NCB)

**Client:** Ministry of Transport & Civil Aviation  
**Year:** 04-03-2014 To 03-03-2015

### III). Procurement of Maintenance Services for HKIA (Contract No. ACAA/1992/NCB)

**Client:** Afghanistan Civil Aviation Authority  
**Year:** 17-06-15-16-06-16

### IV) Procurement of Maintenance Services for HKIA (Contract No. ACAA/1395/SS/NCS/-02)

**Client:** Afghanistan Civil Aviation Authority  
**Year:** 17-11-16 - 17-05-2017  
**Location:** Kabul

### V) Procurement of Maintenance Services for HKIA (Contract No. NPA/ACAA/96/NCS-1533/NCB)

**Client:** Afghanistan Civil Aviation Authority  
**Year:** 20-06-2017 - 19-06-2020

## Scope of Work:

The scope of work include complete up keeping of the terminal building areas, operational areas and operations & preventive/ breakdown maintenance of all installations/equipment in / out side the terminal building and operational areas as detailed in the bidding documents including day to day operations & maintenance of all civil, electrical, mechanical, electronic, communication, IT Equipment etc. to maintain complete airport terminal, operational areas and associated infrastructures up to the standard of an International Airport.



# Procurement of Maintenance Services for HKIA





# Rehabilitation of Airfield Pavement at HKIA



## Rehabilitation of Airfield Pavement at HKIA (Taxiway Project) - Project Facts

**Client:** Afghanistan Civil Aviation Authority (ACAA)  
**Funding Agency:** JICA-Japan  
**Contractor:** World Kaihatsu Kogyo Co. Ltd Japan (WKK)

**Year:** 2012 - 2013  
**Location:** Kabul  
**Company Role:** Sub-Contractor

### Scope of Work:

Rehabilitation work such as, **the Renovation of Existing Taxiway, Renovation Links of Taxi Way to Runway, Expansion of Shoulders of Taxiway and Expansion of Links of Taxiway to Runway.**





# Rehabilitation of Airfield Pavement at KIA





# Construction of Hospital for Communicable Diseases Kabul



## Construction of Hospital for Communicable Disease Kabul—Project Facts

**Client:** Ministry of Public Health (IRA)  
**Contractor:** Dai Nippon Construction- Sato Kogyo - Joint Venture  
**Funded By:** JICA-Japan  
**Year:** March 2012 - July 2013  
**Location:** Kabul  
**Company Role:** Sub-Contractor



### Scope of Work:

**Building Area: 5,500m<sup>2</sup>**

Construction, Completion and maintenance of the Hospital Building

Works includes: Architectural Work, Electrical Work, Mechanical Work, Site Offices, Ware House, Workshop and Stores



# Construction of Hospital for Communicable Diseases Kabul





# Construction of Technical Teacher Training Academy Kabul



## Construction of Technical Teacher Training Academy, TTTA, Kabul - Project Facts

**Contract #:** W-02-TTTA\_Kabul

**Client:** Ministry of Education (IRA)

**Funded By:** KFW-Germany

**Year:** 2012-2013

**Location:** Kabul

**Company Role:** Prime Contractor



**Ministry of Education**

Islamic Republic of Afghanistan



### Scope of Work:

Site adoption and Construction of 06 Classroom double storey buildings , 2 Workshop Buildings, 1 Technical Unit Building, 1 Water Reservoir, landscaping and infrastructure



# Construction of Technical Teacher Training Academy Kabul





# Construction of Agricultural High School Kunduz



## Construction of Agricultural High School (AHS) Kunduz - Project Facts

**Contract #:** W-03-AHS\_Kunduz

**Client:** Ministry of Education (IRA)

**Funded By:** KFW– Germany

**Year:** 2012-2013

**Location:** Kunduz

**Company Role:** Prime Contractor



**Ministry of Education**

Islamic Republic of Afghanistan



### Scope of Work:

Site adoption and Construction of 07 Classroom buildings , 2 Workshop Buildings, 1 Technical Unit Building, 1 Water Tower, landscaping and infrastructure



# Construction of Agricultural High School Kunduz



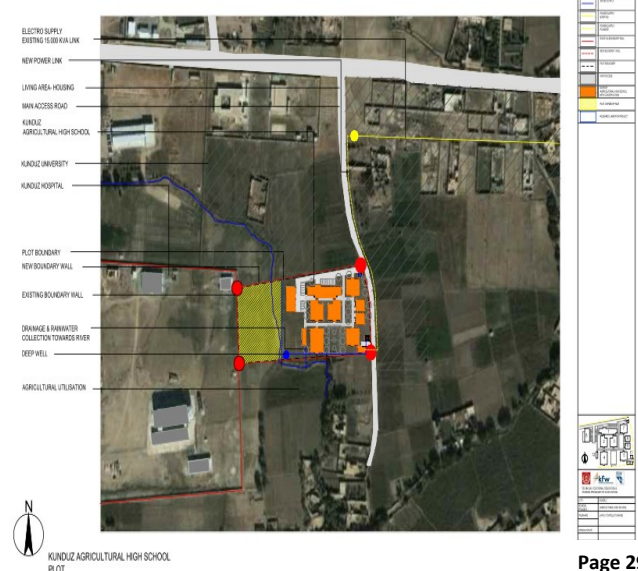
PREPARED BY:  
PEM  
AMT  
BITA



PREPARED BY:  
PEM  
AMT  
BITA



PEM  
AMT  
BITA



# Construction of the Technical Teacher Training Academy (TTTA) Mazar e Sharif



## Construction Works for Technical Teacher Training Academy (TTTA) Mazar e Sharif - Project Facts

**Contract #:** W-05-TTTA\_MeS

**Client:** Ministry of Education (IRA)

**Funded By:** KFW-Germany

**Year:** 2013-2014

**Location:** Mazar-e-Sharif

**Company Role:** Prime Contractor



**Ministry of Education**  
Islamic Republic of Afghanistan



### Scope of Work:

Site adoption and Construction of 06 Classroom buildings , 2 Workshop Buildings, 1 Technical Unit Building, 1 Water Reservoir, landscaping and infrastructure



# Construction of the Technical Teacher Training Academy (TTTA) (Mazar e Sharif)





# Construction of Terminal, Utility & Fire Station Buildings in Bamyan Airport



## Construction of Terminal Building , Utility Building & Fire Station of Bamyan Airport - Project Facts



**Contract #:** UNOPS/AGOC/ITB/040/12

**Client:** Afghanistan Civil Aviation Authority (ACAA)

**Funded By:** United Nations Office for Project Services (UNOPS)

**Year:** 2013-2014

**Location:** Bamyan

**Company Role:** Prime Contractor

### Scope of Work:

Construction of 2-stories passenger terminal building, 3-stories fire station for civil, commercial aircraft operation requirements. Installation of utilities and other necessary site improvements, including clearing, grading, etc. the project was constructed in accordance with current U.S Design Standards, safety, security, ecological standards, local standards and other criteria as defined in the Technical Specifications.





# Construction of Terminal, Utility & Fire Station Buildings in Bamyan Airport





# Design & Construction of Residential and Office Facility for the retired President of Afghanistan



## Design and Construction of Residential and Office Facility for the Retired President of Afghanistan- Project Facts

**Client:** Office of Administrative Affairs & Council of Ministers Secretariat

**Year:** 2013-2014

**Location:** Kabul

**Company Role:** Prime Contractor



### Scope of Work:

Design & Construction work included:

Design and Construction of Villa and working office for retired president of the Islamic Republic of Afghanistan which consist of three story buildings, Basement Car Park with compliance to international standards and highest quality of construction, Electrical & mechanical facilities, Information's & Architecture including bullet proof door & windows.

Design and build one story security building with all in house facilities and ease.

Design and build Blast Resistance Boundary walls, based on the requirement of the related security organizations.

Design & build green areas and landscaping.

Design and build Swimming Pool.

Design and build two entrance check posts for the guests and project owner, including visitor control rooms.

Rehabilitation and renovation of the two existing buildings with high quality.



# Design & Construction of Residential and Office Facility for the retired President of Afghanistan





# Construction works of the National Agricultural Education College (NAEC) Kabul



## Construction of the National Agricultural Education College (NAEC) Kabul - Project Facts

**Contract #:** TO1-NAEC

**Client:** Stichting Dienst Landbouwkundig Onderzoek (Stichting DLO) Through its Institute Centre for Development Innovation (CDI) Lawickse Allee 11 6701 AN Wageningen the Netherlands



**Year:** 2013-2015

**Location:** Kabul

**Company Role:** Prime Contractor

### **Scope of Work:**

Site adoption and Construction of 02 Classroom buildings , 1Workshop Buildings 1 Administration Building, 1 Laboratory Building, 3 Dormitory buildings for Male, 1 Dormitory building for female., landscaping and infrastructure



# Construction works of the National Agricultural Education College (NAEC) Kabul



# The Project for Rehabilitation and Expansion of Aircraft Parking Aprons KIA (Phase 2)



The Project for Rehabilitation and Expansion of Aircraft Parking Aprons KIA (Phase 2)

**Client:** Afghanistan Civil Aviation Authority (ACAA)

**Funded By:** JICA-Japan

**Contractor:** Tsuchiya Corporation Japan

**Year:** Dec, 2014-Dec, 2015

**:Role of the Company :** Sub-Contractor

**Location:** Kabul



## Project Introduction:

This is a Japanese Grant Aid project to Afghan Govt, Civil Aviation Authority.

The project was approximately **29000 m2 of Air Craft Parking Apron** made of reinforcement concrete with all infrastructures and a Ground Service Equipment Road with Asphalt Pavement surface.

## Earth Work:

- Excavation and removal of top soil of the whole area within approximately depth of (0.9-1.2)m.
- Excavation and removal of soil for drainage system and culverts according to the design drawing and Technical Specification
- Leveling and Compaction of the natural Ground Surface as the bed of main structure considering the technical specification of the project.
- Provision, laying, leveling and compaction of sub base material according to the design drawing and technical specification.
- Provision, laying, leveling and compaction of Base course material according to the design drawing and technical specification.

## Main Structure and Finishing Work.

- Provision, bending, fixing and installation of Reinforcement bars for the Air Craft Parking Apron.
- Provision, fixing and installation of Dowel and Tie bars for the Air Craft Parking Apron joints according to the design drawing and technical specification.
- Provision, puring, compaction, leveling and surface finishing of **Air Entrained Concrete for the Air Craft Parking Apron.**
- Excavation, Filling and paving work for the **Ground Service Equipment Road** including all required activity.
- Construction of drainage system made of reinforcement concrete including culverts and all required activity.
- Saw Cutting, cleaning and filling of Joints with suitable approved joint filling material.
- Marking of Apron surfaces indicating "Stand Guidance Line, Out line, Apron Edge Line, Stand Identification Number and Air Craft Stop Line".
- Marking of Road Surface indicating "Road Edge Line and Road Center Line".



# The Project for Rehabilitation and Expansion of Aircraft Parking Aprons KIA (Phase 2)



# Construction of Technical/Mechanical & Accounting/ Commerce Institute Taloqan



## Construction of Technical/Mechanical & Accounting/Commerce Institute Taloqan - Project Facts

**Contract #:** W-07-TMAC\_TLQ

**Client:** Ministry of Education (IRA)

**Funded By:** KFW-Germany

**Year:** 2015 - 2016

**Location:** Taloqan

**Company Role:** Prime Contractor



**Ministry of Education**  
Islamic Republic of Afghanistan



### Scope of Work:

Site adoption and Construction of 06 Classroom double storey buildings , 1 Technical Unit Building, 1 Water Tower , landscaping and infrastructure



# Construction of Technical/Mechanical & Accounting/ Commerce Institute Taloqan



# Construction of the Engineering College (E.C) Mazar-e-Sharif



## Construction of the Engineering College (E.C) Mazar-e-Sharif - Project Facts

**Contract #:** W-06-EC\_MeS

**Client:** Ministry of Education (IRA)

**Funded By:** KFW-Germany

**Year:** 2015 - 2016

**Location:** Mazar-e-Sharif

**Company Role:** Prime Contractor



**Ministry of Education**

Islamic Republic of Afghanistan



### Scope of Work:

Site adoption and Construction of 06 Classroom double storey buildings , 1 Workshop Building, 1 Water Tower , landscaping and infrastructure



# Construction of the Engineering College (E.C) Mazar-e-Sharif

