

November 26, 2005

## To Whom It May Concern

This is to certify that *M/s BSC - C&C "JV"* (A 50% - 50% Joint Venture between *M/s B.Seenaiak & Company (Projects) Ltd.* and *M/s C&C Constructions Private Ltd.*), located *Jay Plaza - Clearview Building, C - 1/B, Old DLF Colony, Gurgaon - 122001 (Haryana), INDIA*, have completed the following work satisfactorily.

**Project Name:** Design-Build Contract for the Rehabilitation of Kandahar to Spin Boldak Road.  
(Section: Km 0+163 to Km 61+440 and from Km 89+771 to Km 90+611)

**Contract Number:** MPW/051/D&B/ADB

**Client:** *The Ministry of Public Works,  
Islamic Republic of Afghanistan,  
Malik Asgar Square,  
Kabul, Afghanistan*

**Funding Agency:** *Asian Development Bank*

**Consultant:** *Sheladia Associates Inc., USA*

**Contract Value at Award:** US \$24.173 Million

**Date of Start:** 15<sup>th</sup> May 2003

**Extended Date of Completion:** 26<sup>th</sup> November 2005

**Actual Date of Completion:** 26<sup>th</sup> November 2005

**Contract Value at Completion:** US \$ 23.338 Million

**Standard Specifications followed:** *Specifications for Road and Bridge Works,  
Ministry of Road Transport & Highways  
New Delhi, India*

**General Conditions of Contract:** *Conditions of Contract for Design -- Build  
and Turnkey, First Edition 1995,  
FIDIC*



**Major Quantities of Work Executed:**

**Road Works**

Item	Unit	31 <sup>st</sup> May 03 to 31 <sup>st</sup> March 04	1 <sup>st</sup> April 04 to 31 <sup>st</sup> March 05	1 <sup>st</sup> April 05 to 26 <sup>th</sup> Nov 05	Total
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**Earthworks**

Excavation	Cum	30,153.2	24,636.3		54,789.5
Embankment	Cum	25,117.3	40,116.2	15,359.0	80,592.5
Sub-grade/L&R	Cum	69,048.0			69,048.0

**Sub-Base & Base Courses**

Granular Sub-base	Cum	160,896.08	11,737.21	1,176.01	173,809.3
Crushed Aggregate Base Course (WMM)	Cum	55,306.9	8,796.5	1,957.1	66,060.5
Gravel Shoulder	Cum			12,302.0	12,302.0

**Asphalt Works**

Prime Coat	Sqm	324,226.0	108,173.0	14,335.2	446,734.2
Tack Coat	Sqm	246,265.5	915,112.3	138,098.4	1,299,476.2
Bituminous Macadam	Cum	-	-	-	-
Dense Bituminous Macadam	Cum	35,734.78	16,729.21	2,005.7	54,469.7
Asphaltic Concrete/BC	Cum		2,044.0	649.1	21,089.1

**Road Furniture**

Construction Signs	Nos			143.0	143.0
W - Beam Metal Crash Barrier	Lm		4,098.0	812.0	4,910.0
Podestrain Guard Rail	Lm		-	-	-

**Drainage/Causeways/Retaining Walls**

Drains: Lined Drain 1465 m

Unlined Drain 6,634 m

Causeways: New Construction 1057 m

Item	Unit	31 <sup>st</sup> May 03 to 31 <sup>st</sup> March 04	1 <sup>st</sup> April 04 to 31 <sup>st</sup> March 05	1 <sup>st</sup> April 05 to 26 <sup>th</sup> Nov 05	Total
Excavation	Cum	5,157.2	29,723.8		34,881.0
Concrete	Cum		9,068.6		9,068.6
Reinforcement	Mt	189.2	233.6		422.8
Stone Masonry	Cum		10,156.2	9,439.8	19,596.0

**Culverts/Bridges**

**Culverts:** New Construction 26 No.  
Widening/Repair 110 No.

**Bridges:** Construction of Arghistan Bridge  
Amount: USD 2,057,932.5  
Length: 316.65 m  
Foundation: Bored Cast-in-Situ 1.2 m dia Piles length 1530 m  
Super Structure: Pre-cast RCC Girders of 21 m span

Construction of Mail Bridge  
Amount: USD 1,330,000.0  
Length: 190.00 m  
Foundation: Bored Cast-in-Situ 1.2 m dia Piles length 990 m  
Super Structure: Pre-cast RCC Girders of 21 m span

Rehabilitation of Tarnak Bridge  
Amount: USD 180,000.0  
Length: 280.00 m

Item	Unit	1 <sup>st</sup> Mar 03 to 31 <sup>st</sup> March 04	1 <sup>st</sup> April 04 to 31 <sup>st</sup> March 05	1 <sup>st</sup> April 05 to 30 <sup>th</sup> Nov 05	Total
Structural Excavation	Cum	7,200.0			7,200.0
Concrete	Cum	1,759.9	3,880.7	4,125.2	9,765.8
Reinforcement	Mt	75.9	401.72	650.21	1,127.8
Stone Masonary	Cum		600.0	1,500.0	2,100.0

During the course of execution the Contractor has performed his work in a professional manner, has used quality materials, maintained quality workmanship and performed all regular testing procedures and quality assurances.

The Contractor had an effective Project Management Team and Program System in place during the complete project. The Contractor used MS Project Planner as their Program Management system for scheduling.

This Project was executed in one of the most difficult security environment and required a huge logistic planning, to maintain the supply of materials and equipment.

For Sheladia Associates Inc




Ghulam Faruq  
Team Leader/Resident Engineer

For Ministry of Public Works.

