



ABN 32 065 440 619  
IDA Credit No. CR 3735-AF

## Taloqan – Kishem Road Rehabilitation Project

16<sup>th</sup> July 2008

### To Whom It May Concern

This is to certify that *M/s BSC-C&CJV* (A 50% - 50% Joint Venture between *M/s B. Seenaiah & Company (Projects) Ltd* and *M/s C&C Constructions Private Ltd.*) located Plot No. 70, Sector -- 32, Gurgaon – 122001, Haryana (INDIA) have completed the following work satisfactorily:

Project Name: Rehabilitation of Taloqan – Kishem Road Project  
(Km 0+000 to Km 66+490)

Contract Number: MPW / 161 / TF / ICB

Client: The ministry of Public Works  
Islamic Republic of Afghanistan  
First Mokroriyan, Kabul (AFGHANISTAN)

Funding Agency: World Bank (IDA Credit no. CR. 3735 – AF)

Consultant: Snowy Mountain Engineering Corporation  
SMEC, Australia

Contract Value at Award: US \$ 22.41 Million

Date of Start: 1<sup>st</sup> Feb, 2006

Actual Date of Completion: 6<sup>th</sup> May, 2008

Contractual Date of Completion: 5<sup>th</sup> August, 2007

Contract Value at Completion: US \$ 25.30 Million (Approx.)

Extension of Time: 277 days ( upto 8<sup>th</sup> May2008)

General Conditions of Contract: FIDIC Condition - 1992

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SMEC INTERNATIONAL PTY LTD  
House - 01, Road - 01, Back of Aryoob Cinema Hall, Karte – Parwan, Kabul, Afghanistan.



## Taloqan – Kishem Road Rehabilitation Project

Major Quantities of Work Executed:

Road Works

Item	Unit	1 <sup>st</sup> Feb, 06 - 31 <sup>st</sup> Mar, 06	1 <sup>st</sup> April, 06 - 31 <sup>st</sup> Mar, 07	1 <sup>st</sup> April, 07 - 31 <sup>st</sup> Mar, 08	1 <sup>st</sup> April, 08 - 6 <sup>th</sup> May, 08	Total
<b>Earthworks:</b>						
Excavation	Cum	-	156,866	148,835	-	305,701
Embankment	Cum	-	112,852	121,929	-	234,781
Sub-Grade/L&R	Cum	10,000	32,208	-(20,465)	10,920	32,662
<b>Sub-Base &amp; Base Courses:</b>						
Granular Sub-Base	Cum	-	14,294	58,192	-	72,487
Crushed Aggregate Base Course (WMM)	Cum	-	11,131	37,432	-	48,563
Gravel Shoulder	Cum	-	-	-	-	-
<b>Asphalt Works:</b>						
Prime Coat	Sqm	-	114,755	354,916	-	469,672
Tack Coat	Sqm	-	111,995	351,196	-	463,192
Binder Course	Cum	-	6,494	21,685	-	28,180
Wearing Course	Cum	-	-	18,840	-	18,840
<b>Road Furniture:</b>						
Road Signboards	Nos.	-	-	102	-	102
New Jersey Barrier	Nos.	-	-	256	-	256
Road Marking	Sqm.	-	-	6,256	878	7,135
Guide Post	Nos.	-	-	149	-	149
Kilometer post	Nos.	-	-	67	-	67

Drainage / Causeways / Retaining Walls / Gabions

Lined Drains:	New Constructed – 1370 meters (13 nos.)
Causeways:	New Constructed – 524 meters (08 nos.)
Retaining Walls:	New Constructed - 7 nos.
Gabions:	New Constructed – 13 nos.



## Taloqan – Kishem Road Rehabilitation Project

### Culverts / Bridges:

#### Culverts:

- a) New Constructed Slab Culverts – 72 nos.
- b) New Constructed Box Culverts – 03 Nos.
- c) New Constructed Pipe Culverts – 41 Nos.
- d) Widening / Strengthening Culverts - 03 Nos.

#### Bridges:

#### *New Constructed Bridges*

- a) Tangi Taloqan Bridge @ km 22+200  
 Amount: US \$ 673,888  
 Length: 63.32 meters  
 Foundation: Piling.  
 Super Structure: Pre-cast RCC Girders of 21.107 meters Span.
- b) Dashte Robot Bridge @ km 23+200  
 Amount: US \$ 673,888  
 Length: 63.32 meters  
 Foundation: Piling.  
 Super Structure: Pre-cast RCC Girders of 21.107 meters Span.
- c) Sanglakh Gazestan Bridge @ km 26+500  
 Amount: US \$ 2,695,554  
 Length: 253.28 meters  
 Foundation: Piling.  
 Super Structure: Pre-cast RCC Girders of 21.107 meters Span
- d) Astana Tapa Bridge @ km 37+300  
 Amount: US \$ 444,259  
 Length: 42.21 meters  
 Foundation: Piling  
 Super Structure: Pre-cast RCC Girders of 21.107 meters Span

#### *Rehabilitation Bridges*

- a) Gaw Mali Bridge @ km 1+500, amounting to – US \$ 1,423
- b) Naw Abad Bridge @ km 3+722, amounting to – US \$ 1,493
- c) Ahan Darah Bridge @ km 6+175, amounting to – US \$ 7,556
- d) Kishem Bridge @ km 66+500, amounting to – US \$ 7,018

#### All Structures Quantities as in below table:

Item	Unit	1 <sup>st</sup> Feb, 06 - 31 <sup>st</sup> Mar, 06	1 <sup>st</sup> April, 06 - 31 <sup>st</sup> Mar, 07	1 <sup>st</sup> April, 07 - 31 <sup>st</sup> Mar, 08	1 <sup>st</sup> April, 08 - 6 <sup>th</sup> May, 08	Total
Excavation	Cum	-	32,744	21,400	-	54,144
Concrete	Cum	-	3,221	4,219	-	7,440
Reinforcement	Kg	-	253,377	1,089,923	-	1,343,300
Stone Masonry	Cum	-	10,654	9,433	-	20,088

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## Taloqan – Kishem Road Rehabilitation Project

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 mountainous terrain and stringent security condition, Harsh Weather Condition where the work could not be continued 3-4 months during winter season (lean period) and required a huge logistic planning to maintain the supply of materials and equipment before and due to closure of Salang Pass in the way.

For SMEC

Mr. Nasirul Haque Khan  
Team Leader / Resident Engineer

