

KANDAK ARCH SPAN

6 November 2010

PURPOSE FOR THIS CONFERENCE

- Inform potential Offerors of the general scope for the planned Kandaks
- Refine our knowledge of the market capacity
- Promote market solutions to complete projects within a compressed schedule

OBJECTIVE

- Identify qualified K-span Contractors to partner with Prime Contractors
- Determine if qualified Contractors can complete K-span structures and supporting utilities within 180 calendar days
- Determine if qualified Contractors can provide other materials such as doors and windows
- Determine type of rolling machine and quantity of steel material currently available

LIST OF BLDGS

Facility Type	Dimensions
• Battalion HQ	14 M x 54 M
• Admin Bldg	14 M x 27 M
• VIP Quarters (4 PN)	14 M x 23 M
• Officers Barracks (64 PN)	10.5 M x 68 M
• Small Officers Barracks (32 PN)	10.5 M x 43.5M
• NCO Barracks (160 PN)	10.5 M x 78 M
• Small NCO Barracks (64 PN)	10.5 M x 34 M

LIST OF BLDGS (cont'd)

- Comb NCO/Enlisted Barracks 10.5 M x 53 M
- Enlisted Barracks (116 PN) 10.5 M x 53 M
- Latrine (400 PN) 14 M x 29 M
- Small Latrine (100 PN) 10.5 M x 20.5 M
- Large DFAC (3000 PN) 22 M x 69 M
- DFAC (792 PN) 22 M x 38 M
- Battalion Storage Building 22 M x 56 M
- Vehicle Maintenance Bldg 22 M x 20 M

LIST OF BLDGS (cont'd)

- Training Bldg (150 PN) 14 M x 19 M
- Classroom Building (200 PN) 22 M x 28 M
- Fire Station (2 apparatus bays) 14 M x 47 M
- DPW Building 14 M x 38 M
- Medical Center 22 M x 48 M
- Medical Clinic 14 M x 24 M
- Post Exchange 14 M x 14 M
- MWR 22 M x 39 M
- Tactical Operation Center (TOC) 14 M x 34 M

DESIGN CONSIDERATION

- Provide conventional K-span construction to minimize Performance Period
- 1 meter high stem wall; standard beam foundation
- No interior load bearing walls
- CMU or sandwiched panel interior walls
- Facilities limited to three widths; 10.5 m, 14 m, 22 m

GAMBERI ARCH-SPAN

Spreading gravel is in progress for walk way in BOQ area
Subcontractor RICE



INTERIOR WORK

Work – Insulation.
Subcontractor-Red Sea.

Ceiling insulation is ongoing
for BARRACKS in Complex C.



CHALLENGES

- ARCH SPAN STRUCTURES AND UTILITIES MUST BE CONSTRUCTED WITHIN 180 DAYS
- TIMELY PROCUREMENT OF MATERIAL AND EQUIPMENT
- INTERIOR WALL SHALL BE CMU
- CEILINGS PROVIDED FOR BARRACKS AND ADMIN BLDGS
- QUALITY CONTROL

QUESTIONS

- CAN DOORS AND WINDOWS BE PROCURED AND INSTALLED BY THE ARCH SPAN MANUFACTURER
- WHAT TYPE OF SPRAY ON INSULATION AND WHAT IS THE R-VALUE
- WHAT IS THE THICKNESS FOR THE COIL STEEL
- WHAT TYPE OF ROLLING MACHINE WILL BE USED
- FASTENING OF CEILING HANGERS
- FOUNDATION AND FLOOR SLAB DESIGN

Contract Security

- President Karzai Decree #62
- Afghan Government Intent
- Compliance with Laws and Regulations
- Contract Requirements
- Contractor Plan
- Contractor Implementation
- Use of ANSF