

February 388-0024



GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
BANGLADESH AGRICULTURAL DEVELOPMENT CORPORATION

137/102



AGENCY FOR INTERNATIONAL DEVELOPMENT

Grant Financed

FERTILIZER DISTRIBUTION IMPROVEMENT - I (388-0024)

137/102

**ENGINEER CONSULTANT SERVICES FOR CONSTRUCTION
OF BAGGED PRODUCT FERTILIZER WAREHOUSES IN
BANGLADESH-PHASE III**

PROGRESS REPORT NO. 15

FEBRUARY 1984



AMMANN & WHITNEY
CONSULTING ENGINEERS
NEW YORK

in association with



WORLDWIDE ENGINEERS LTD.
ARCHITECT-ENGINEERS
DHAKA



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AMMANN & WHITNEY
CONSULTING ENGINEERS

AMMANN & WHITNEY
95, MOTIJHEEL C. A.
P. O. BOX 348
DHAKA, BANGLADESH

WAREHOUSES PHASE III

Project Director, BADC
USAID Construction Project
20, Outer Circular Road
Rajarbagh, Dhaka-17

724-4.1.1/1355

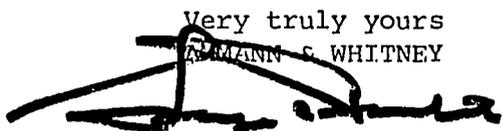
14 March 1984

Subject : Monthly Report No.15
- February 1984

Dear Sir,

In compliance with paragraph 3.2 of Appendix A, Scope of Work, of Agreement for Engineer Consultant Services - Warehouses Phase III, fifteen (15) copies of the Monthly Report No.15 are submitted to BADC and six copies to USAID.

Very truly yours


AMMANN & WHITNEY

George A. Pecht
Project Manager

Encl: Eleven (11) copies

GAP/neh

cc: Chairman, BADC w/encl. (1)
Member-Director (Irri), BADC 1. (1)
Manager (Storage) BADC w/encl.)
Chief Engineer (C) BADC w/encl.)
Mr. David E. Warner, PO, AIF w/encl. (6)
File 724-1.4.2 w/encl.

AMMANN & WHITNEY
Consulting Engineers

FERTILIZER WAREHOUSES - PHASE III

Monthly Progress Report No.15
Month of February 1984

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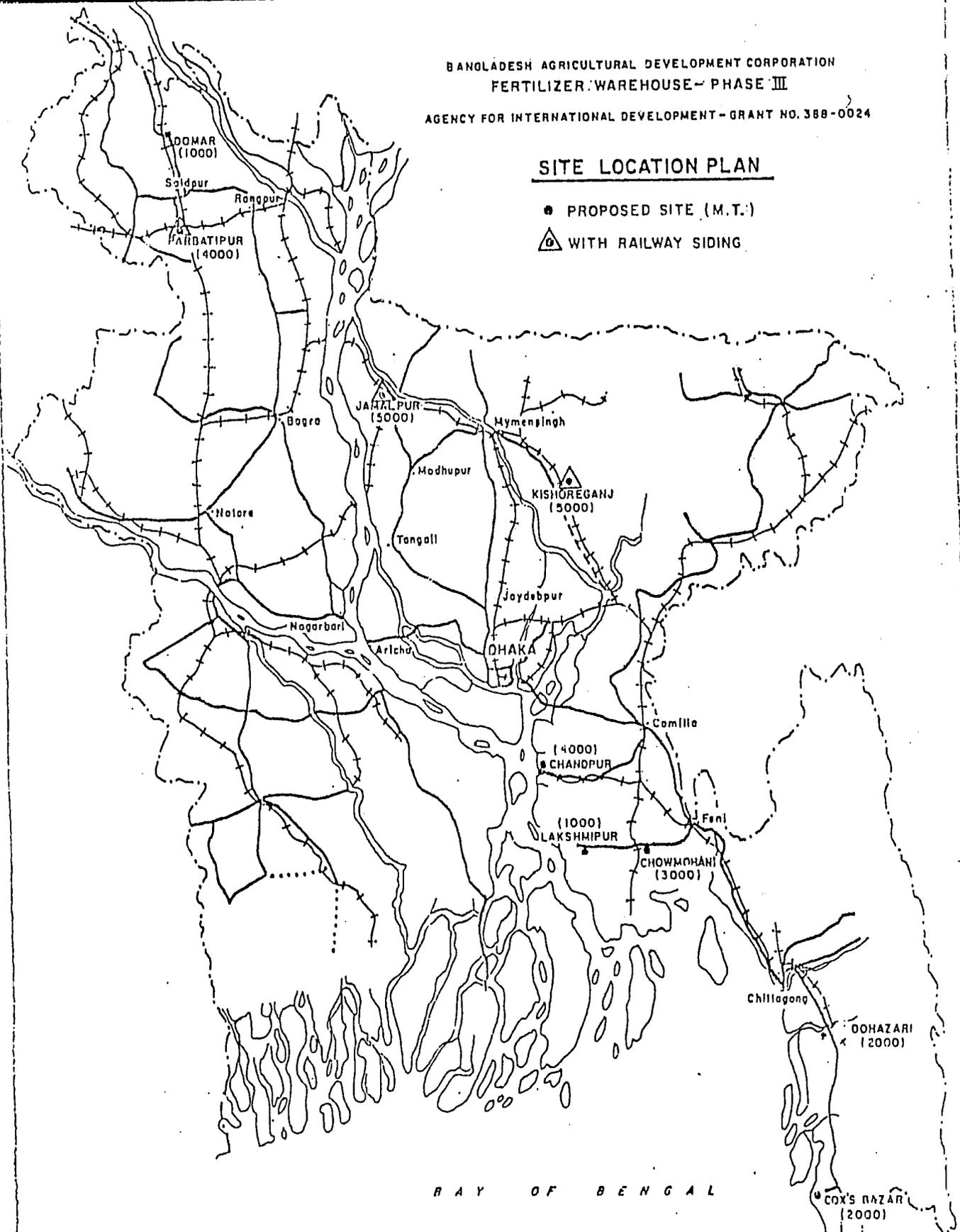
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BANGLADESH AGRICULTURAL DEVELOPMENT CORPORATION
 FERTILIZER WAREHOUSE - PHASE III
 AGENCY FOR INTERNATIONAL DEVELOPMENT - GRANT NO. 388-0024

SITE LOCATION PLAN

- PROPOSED SITE (M.T.)
- △ WITH RAILWAY SIDING



BAY OF BENGAL

REVISED: BADC MEMO NO. 2.NA (STG) 107/81-82/1R88
 DATED 24 APRIL 1983

AMMANN & WHITNEY
 Consulting Engineers
 NEW YORK - DHAKA

PROJECT DESCRIPTION

PROJECT : Construction of Bagged Product Fertilizer Warehouses
in Bangladesh - Phase III

EMPLOYER : Bangladesh Agricultural Development Corporation

FINANCED : United States Agency For International Development
Under Grant:
Fertilizer Distribution Improvement-I (388-0024)

ENGINEER : Ammann & Whitney
Consulting Engineers
New York Dhaka

LIST OF SITES AND TONNAGE

<u>NAME OF SITE</u>	<u>TONNAGE</u>	<u>NAME OF DISTRICT</u>	<u>SIZE OF GODOWN</u>
B1 KISHOREGANJ	5000	MYMENSINGH	90'x 300' (27,000 sft)
C3 JAMALPUR	5000 (3500+1500)	JAMALPUR	120'x150'; 90'x90' (26,000 sft)
F1 DOHAZARI	2000	CHITTAGONG	90'x 120' (10,800 sft)
F3 COX'S BAZAR	2000	CHITTAGONG	90'x 120' (10,800 sft)
H2 CHOWMUHANI	3000	NOAKHALI	90'x 180' (16,200 sft)
H3 LAKSHMIPUR	1000	NOAKHALI	60'x 90' (5,400 sft)
I4 CHANDPUR	4000	COMILLA	120'x 180' (21,600 sft)
L4 DOMAR	1000	RANGPUR	60'x 90' (5,400 sft)
05T PARBATIPUR	4000	DINAJPUR	90'x 240' (21,600 sft)
TOTAL	27,000 M.T.		144,900 sft

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I. CONTRACTORS' ACTIVITIES

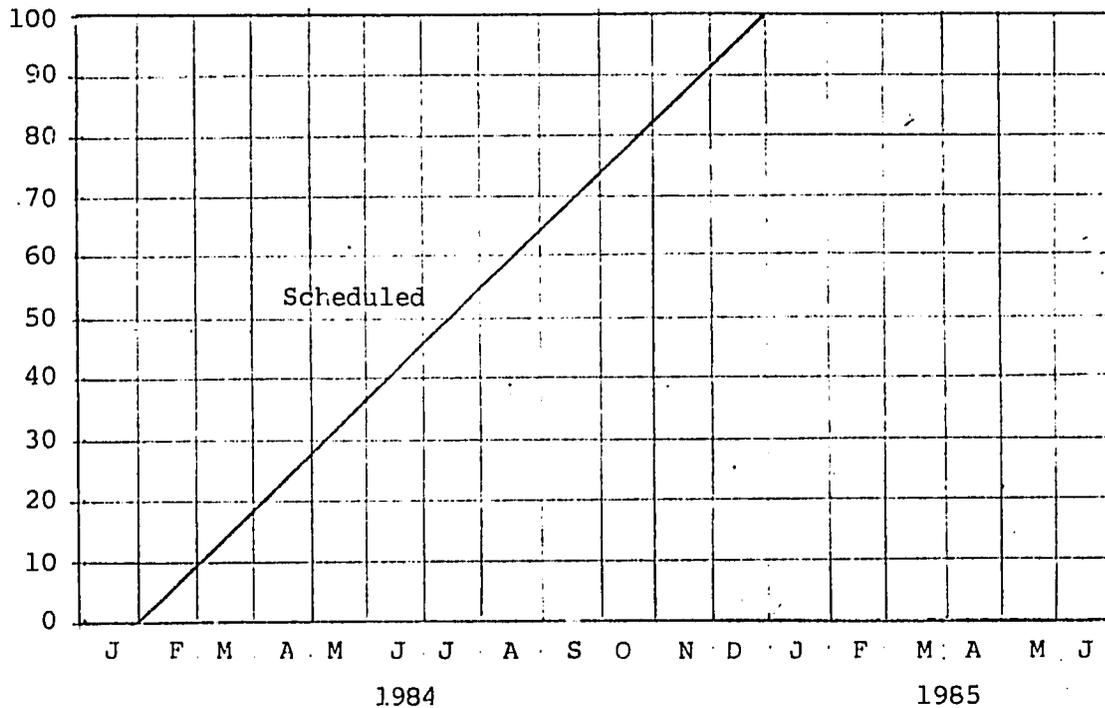
CONSTRUCTION PHASE

1. Summary of Contractors' Activities During Month

- . USAID Letter of Commitments for Kishoreganj, Jamalpur, Dohazari and Domar were released on 02.02.84 and the Engineer issued Notice To Proceed on same date.
- . USAID Letter of Commitments for Cox's Bazar, Chowmuhani, Lakshmipur, Chandpur, and Parbatipur were released on 23.02.84 (refer to USAID's letter No.156. 02.02.84) and the Engineer issued Notice To Proceed on same date.
- . The Contractors began mobilizing their materials, equipment and labor; submitted prerequisite documents as per Action Check List; submitted materials for testing and approval, and started work on preparation of site. Refer to following reports on activity at each site.
- . The Contractors have been requested to submit a time vs. completion schedule to monitor progress. To date none of the Contractors have submitted and therefore percent progress completion is not shown this month. The Engineer estimates progress at 0.1%. The major effort of the Contractors is in mobilizing their material, laborers and equipment.

<u>Invitation No.</u>	<u>Site</u>	<u>Contractor</u>	<u>Contract Amount (Tks)</u>	<u>Date Contract Signed</u>	<u>L/Com. and N.T.P.</u>
1	B1-Kishoreganj	National Construction and Consult Limited	1,98,40,012.82	16.1.84	02.02.84
2	C3-Jamalpur	Mostafa Brothers	1,76,94,451.01	12.1.84	02.02.84
3	F1-Dohazari	Eastern Engineers Consortium Ltd.	1,55,48,978.95	16.1.84	02.02.84
4	F3-Cox's Bazar	Builders The Best	99,64,470.85	12.1.84	23.02.84
5	H2-Chowmuhani	Technocon Ltd.	1,41,20,342.60	12.1.84	23.02.84
6	H3-Lakshmipur	Technocon Ltd.	55,91,275.35	12.1.84	23.02.84
7	I4-Chandpur	Fazle Azim Engineers	1,70,67,822.35	16.1.84	23.02.84
8	L4-Domar	M.S.Khan & Heirs Ltd.	74,99,255.00	12.1.84	02.02.84
9	O5-Parbatipur	Elite Engineers Ltd.	1,70,02,196.40	12.1.84	23.02.84
		Total	Tk. 12,43,28,805.33 (\$4,999,147.78)		

CONSTRUCTION PROGRESS - ALL SITES



																			Weighted Percent	Project & Complt.
Kishoreganj																			16.97	
Jamalpur																			15.15	
Dohazari																			13.31	
Cox's Bazar																			8.53	
Chowmuhani																			12.09	
Lakshmipur																			4.79	
Chandpur																			14.61	
Parbatipur																			14.55	

INVITATION NO.1 : B1-KISHOREGANJ

CONTRACTOR : National Construction & Consult Ltd.

Total Contract Price	: Tk. 1,98,40,012.82	Date of Contract	: 16.01.84
Change Order	: Tk.	Site Handled Over	: 29.01.84
Revised Contract Price	: Tk. 1,99,40,012.82	Notice To Proceed	: 02.02.84
Payments To Date	: Tk.	Scheduled Completion	: 31.12.84 (333)
Retention To Date	: Tk.	Elapsed Time	: 27 days 8.1%
L/Com. No.	: 388-002403	<u>% Completion</u>	
Date of L/Com.	: 31.01.84	Scheduled Actual	
Issue Date of L/Com.	: 02.02.84	This This	
Amount of L/Com.	: Tk. 1,98,40,012.82	Period	To Date
	(\$797,885.00)		
L/Com. Amendment No.1	: 13.02.84	%	%

1.0. Site Personnel

Engineer : Senior Field Engineer - A.O. Khan
 Field Engineer - A.H. Nazrul Islam

Contractor : Site Manager - Md. Emdul Hoque
 Site Engineer - Ataur Rahman

2.0. Contractor's Activities2.1 Mobilization

- . Contractor's temporary facilities - office, godown and labour shed completed and work on Engineer's Field Office started at the end of February 1984.
- . One 1½" hand tubewell sunk for construction work. Temporary electric connection given. Erected sign board.

2.2 Actual Work Performed

- . Almost all the working area has been stripped and the godown area, access road and ancillary building area rolled by tyre roller and 8 ton road roller
- . All the buildings and access road was set out by contractor prior to stripping and compacting the area.

2.3 Material at Site

- . About 15 to 20 thousand cft of concrete sand (Sylhet sand) arrived at site.
- . More than 20 thousand cft of ordinary filling sand delivered to site.
- . Contractor started stockpiling select fill but at the end of February only small quantity was stockpiled.

2.4 Equipment at Site

- 1- Concrete Mixer
- 1- 8 ton road roller
- 1- 12 ton tyre roller

3.0. Engineer's Activities

- Grid system, reference base line, was established by survey party.
- Setting-out of buildings and access road was checked and corrected.
- Post level after contractor stripped area.
- Field instruction (Page 4802, Book 97) issued to remove the unapproved select fill brought to site. Contractor will use that sand as ordinary fill.
- Field instruction (Page 4803, Book 97) issued to contractor for completing Engineer's Field Office within stipulated period of 45 days from contract effective date.
- Monitored stripping of topsoil.
- Performed density test as required for approval.

4.0. Problems and Solutions

- a. Shifting of telephone line not yet done. District Manager, BADC Kishoreganj informed that the estimate sent to Manager (Storage), Dhaka. After approval from him the District Manager will submit money to T&T Department and only then will the shifting be possible. Request BADC/Dhaka to expedite.
- b. Contractor compacting the area by tyre roller but during compaction the soil in area of existing ditch shoved and would not compact. After digging in that area a very soft type clay was found.

Auger hole will be taken to determine the extent of clay layer before recommending solution.

5.0. Actions Required

- BADC : . Finalize location of right-of-way with BR.
. Expedite removal of telephone lines.
- Contractor : . Submit weekly and monthly reports.
. Submit invoices.
. Submit construction schedule and time vs. completion schedule.
. Prepare and submit shop drawings.
. Submit preconstruction photographs.
. Furnish survey and testing equipment.
. Arrange construction equipment such as water pump, vibrator, etc.

6.0. Claims

Contractor has not filed any claims to date.

7.0 Work Scheduled Next Month

- Site Development : Mobilization of materials
Filling of site
Engineer's Field Office
- Warehouse : Nil
- Ancillary Buildings : "

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INVITATION NO.2 : C3-JAMALPUR

CONTRACTOR : Mostafa Brothers (Pvt) Ltd.
 Total Contract Price : Tk. 1,76,94,451.01
 Change Orders : Tk.
 Revised Contract Price : Tk. 1,76,94,451.01
 Payments To Date : Tk.
 Retention To Date : Tk.
 L/Com. No. : 388-002404
 Date of L/Com. : 31.01.84
 Issue Date of L/Com. : 02.02.84
 Amount of L/Com. : Tk. 1,76,94,451.01
 (\$711,599.00)
 L/Com. Amendment No.1 : 13.02.84

Date of Contract : 12.01.84
 Site Handed Over : 19.01.84
 Notice To Proceed : 02.02.84
 Scheduled Completion : 31.12.84 (333)
 Elapsed Time: 27 days 8.1 %

% Completion			
Scheduled		Actual	
This Period	To Date	This Period	To Date
%	%	%	%

1.0 Site Personnel

Engineer : Senior Field Engineer - A.O. Khan
 Field Engineer - Mostahar Ali
 Inspector (TDY) - Sikander Ali
 Contractor : Project Director - A.B.M. Siddique Rahman
 Field Engineer - Manik Lal Mondal

2.0 Contractor's Activities2.1 Mobilization

- . Contractor's temporary facilities not yet completed. Only one labour shed completed and contractor's office and cement godown constructed upto plinth level. Foundation trench for Engineer's Field Office made and construction will start soon.
- . One 1½" hand tubewell sunk at site for construction work. One soaking tank for soaking bricks made by Contractor.
- . 220 volt electric facilities ready for connection to site.
- . Sign board erected.

2.2 Actual Work

- . About 70% of the work area has been stripped and the godown area, access road and Engineer's Field Office area rolled by 10 ton road roller.
- . All the buildings and access road were set out by Contractor prior to stripping and compacting the area.
- . Contractor placed settlement platforms but that were out of plumb and not as per up-to-date drawing. Contractor was asked to remove the platform and reset plumb. About 5"-6" of select fill was placed on 3500 ton godown area. Stopped further select filling until compaction with sufficient watering is arranged.

2.3 Material

- . Contractor stockpiled about 50 to 60 thousand cft of select fill. Random samples were tested and the stack approved for use.
- . A few thousand bricks also stockpiled at site.

2.4 Equipment

- 1- 10 tcn steel wheel roller
- 1- Concrete mixer (one cu.yd.)

3.0 Engineer's Activities

- Setting-out of buildings and access road were checked and necessary correction made.
- Post level after stripping was taken.
- Monitored contractor's activity.
- Field instruction (Page 93 of 2 Memorandum) was issued to complete Engineer's Field Office within stipulated period.
- Grid , reference base line, was established by survey party.
- Field instruction (Page 4702 Book95) was issued to remove settlement platform, arrange sufficient watering and arrange tyre roller for compaction.
- Conducted field density tests.
- Tested samples of select fill, concrete sand, bricks, mortar sand and wood.

4.0 Problems and Solutions

- a. There is an encroachment of about 3 ft. by a private house at south-east corner of the site (just behind R3 building). That will not hamper any building construction but prior to construction of boundary wall the problem must be solved.

District Manager, BADC is looking into the matter.

- b. R1 building was shifted close to present boundary wall as agreed with District Manager BADC. Land procured by BADC will be handed over for this purpose.
- c. Proposed access road was relocated to within BADC's property due to objection raised by persons leasing land from BR.
- d. Ancillary buildings R2 and R3 slightly relocated to avoid encroachment on existing grave.

5.0 Actions Required

- BADC :
- . To finalize location of property lines.
 - . To arrange land for construction of railway siding.
- Contractor :
- . To submit bio-data of Site Engineer and Contractor's key personnel.
 - . To submit weekly and monthly reports.
 - . To submit insurance policies.
 - . To mobilize construction equipment such as water pump, vibrator.
 - . To submit shop drawings.
 - . To comply with outstanding items on Action Check List.

6.0 Claims

No claims to date.

7.0 Work Scheduled Next Month

Schedule submitted by Contractor inadequate. Contractor informed to revise and resubmit a realistic schedule.

- Post level taken after contractor stripped area.
- On review of the existing soils, digging of test pits, and taking of penetrometer tests it was decided by the Engineer not to excavate the material previously classified as unsuitable. This may result in increasing the time for surcharging by up to 25 days but the Engineer estimates this will be compensated by the time taken to excavate and place compacted backfill.

4.0 Problems and Solutions

- . Obtaining land for access to river.
- . Land dispute between RHD and BADC on ownership of portion of land. Problem settled between parties on 27.02.84. The boundaries of land will be as shown on Drwg. F1-002 R2.

5.0 Action Required

BADC : Finalize obtaining land for access to river.

Contractor: Of all the sites the activities of this Contractor is most lagging in respect of mobilization and site work. Contractor should take immediate steps to make up loss time.

- . To submit layout of temporary facilities.
- . To submit insurance policies.
- . To submit weekly and monthly reports.
- . To submit shop drawings.
- . To submit preconstruction photographs.
- . To obtain temporary and permanent electric connections.
- . To mobilize construction equipment.
- . To comply with outstanding items on Action Check List.

6.0 Claims

Contractor has not filed any claims to date.

7.0 Work Scheduled Next Month

- . Continuing mobilization
- . Site preparation
- . Filling
- . Engineer's Field Office

8.0 Comments

By letter 724-4.5.1/1196, 23.02.84 the Contractor was issued a warning by the Engineer to schedule his work and take all necessary steps to implement the schedule.

INVITATION NO.4 : F3-COX'S BAZAR

CONTRACTOR : Builders The Best Ltd.
 Total Contract Price : Tk. 99,64,470.85
 Change Orders : Tk.
 Revised Contract Price : Tk. 99,64,470.85
 Payments To Date : Tk.
 Retention To Date : Tk.
 L/Com. No. : 388-002406
 Date of L/Com. : 31.01.84
 Issue Date of L/Com. : 23.02.84
 Amount of L/Com. : Tk. 99,64,470.85
 (\$400,731.00)

Date of Contract : 12.01.84
 Site Handed Over : 26.01.84
 Notice To Proceed : 23.02.84
 Scheduled Completion: 31.12.84 (312)
 Elapsed Time: _____ days 1.9%

% Completion			
Scheduled		Actual	
This Period	To Date	This Period	To Date
%	%	%	%

1.0 Site Personnel

Engineer : Senior Field Engineer - J. Alam
 Inspector - S.A. Asgar

Contractor :

2.0 Contractor's Activities

2.1 Mobilization

- Contractor leased land across the street from the site for construction of his temporary facilities. Work in progress.
- Sunk two tubewells and constructed soak tank for brick.

2.2 Actual Work Performed

- . Removal of topsoil started on 17.02.84. Work in progress.

2.3 Material at Site

- . Collection of select fill material in progress.

2.4 Equipment at Site

- 1- Concrete Mixer
- 1- Pump
- 1- Vibrator

3.0 Engineer's Activities

- Established reference grid baseline for setting-out of buildings.
- Checked contractor's setting out of buildings. Relocated ancillary buildings to provide more clearance from boundary wall.

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4.0 Problems and Solutions

- . Removal of overhead power line. BADC to inform PDB.
- . Removal of guy wire within foundation area. Discussion in progress with PDB on method to relocate and location (preferably off-site).
- . Existing boundary wall used as a wall for building's outside of property. Public relations required during removal and reconstruction.
- . People on river side require that a thoroughfare be kept open thru property. SDM advises not to take action at this time to close. This will create a site security problem.
- . Large amount of brick bats and concrete debris found beneath surface. Contractor was directed to remove.
- . In area of former existing godown found soil saturated to about 9"- 12" with fertilizer. Contractor directed to remove.

5.0 Actions Required

BADC : .Procure land for access to river.

.Note above use of land as thoroughfare.

Contractor : . To submit layout of temporary facilities.

- . To submit bio-data of Site Engineer and key personnel.
- . To submit Fidelity Bond for Mobilization Advance.
- . To submit apportioning of lump sum items for payment.
- . To submit insurance policies.
- . To submit weekly and monthly reports.
- . To submit preconstruction photographs.
- . To arrange temporary and permanent electrical connections.
- . To submit shop drawings.

6.0 Claims

Contractor did not submit any claim to date.

7.0 Work Scheduled Next Month

The slow start up of work is basically due to delay in issuing Letter of Commitment and thus Notice To Proceed.

For March the Contractor has programmed the following:

- Excavation for foundations of buildings
- Filling site area with ordinary and select material
- Temporary utilities
- Procurement of construction materials
- Construction of site office and Engineer's Field Office
- Preparation of shop drawings.

INVITATION NO.5 : H2-CHOWMUHANI

CONTRACTOR : Technocon Limited			
Total Contract Price	: Tk.1,41,20,342.60	Date of Contract	: 12.01.84
Change Orders	: Tk.	Site Handed Over	: 31.01.84
Revised Contract Price	: Tk.1,41,20,342.60	Notice To Proceed	: 23.02.84
Payments To Date	: Tk.	Scheduled Completion	31.12.84(312)
Retention To Date	: Tk.	Elapsed Time:	6 days 1.9 %
L/Com. No.	: 388-002407	% Completion	
Date of L/Com.	: 31.01.84		
Issue Date of L/Com.	: 23.02.84		
Amount of L/Com.	: Tk.1,41,20,342.60		
	(\$567,863.00)		
		% Completion	
		Scheduled Actual	
		This To Date This To Date	
		Period To Date Period To Date	
		% % % %	

1.0 Site Personnel

Engineer : Senior Field Engineer - J. Alam
 Inspector - Z. Islam
 Contractor : No approved authorized representative.

2.0 Contractor's Activities

2.1 Mobilization

- . Contractor has not leased land for his facilities.
- . No contractor's facilities constructed to date.

2.2 Actual Work Performed

- . Started on 14.02.84 removal of top soil and completed this month
- . Removal of clay pockets (unsuitable material) in progress.

2.3 Materials at Site

None

2.4 Equipment at Site

None

3.0 Engineer's Activities

- . Established grid reference baseline for setting-out of works.
- . Monitored contractor's construction activities.
- . Issued Field Message to employ more laborers and expedite the work.
- . Issued Field Message to provide drainage between RHD road and BADC property.

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4.0 Problems and Solutions

- . Telephone line relocated to top RHD embankment on 24.02.84. Clearance provided between wire and roadway is about 10' (Elevation 106.5-96.2). Advising Divisional Manager T&T to raise wire to provide 15 ft. minimum clearance.
- . Clay pockets were discovered in area. Contractor was directed by Engineer to remove.
- . Engineer objected to Contractor's location of stockpiling material which will interrupt drainage. Contractor directed to provide drainage to existing culvert.

5.0 Actions Required

- Contractor :
- . To submit layout of contractor's temporary facilities.
 - . To submit bio-data of Site Engineer and key personnel.
 - . To submit apportioning of lump sum items for payment.
 - . To submit insurance policies.
 - . To submit weekly and monthly reports.
 - . To submit shop drawings.
 - . To submit preconstruction photographs.
 - . Install tubewell, soak well.
 - . Obtain temporary and permanent electrical facilities.
 - . Mobilize equipment.
 - . Collect materials.

6.0 Claims

Contractor submitted (TL-74/84, 27.02.84) notice to claim for time extension (70 days) due to delay in issuing Letter of Commitment and Notice To Proceed. Bid opening on 09.11.83. Letter of Commitment issued on 23.02.84.

7.0 Work Scheduled Next Month

Contractor has been requested to submit detailed work schedule for each month. A 'Sample Schedule' has been handed over to contractor as a guide.

Scheduled for March:

- | | | |
|---------------------|---|---|
| Site Development | : | Preparation of site
Construct 48" R.C. pipe culvert. |
| Warehouse | : | Preparation work. |
| Ancillary Buildings | : | No work scheduled. |

INVITATION NO.6 : H3-LAKSHMIPUR

CONTRACTOR : Technocon Limited
 Total Contract Price : Tk.55,91,275.35
 Change Orders : Tk.
 Revised Contract Price : Tk.55,91,275.35
 Payments To Date : Tk.
 Retention To Date : Tk.
 L/Com. No. : 388-002408
 Date of L/Com. : 31.01.84
 Issue Date of L/Com. : 23.02.84
 Amount of L/Com. : Tk.55,91,275.35
 (\$224,858.00)

Date of Contract : 12.01.84
 Site Handed Over : 31.01.84
 Notice To Proceed : 23.02.84
 Scheduled Completion: 31.12.84 (312)
 Elapsed Time: 6 days 1.9 %

% Completion			
Scheduled		Actual	
This Period	To Date	This Period	To Date

1.0 Site Personnel

Engineer : Senior Field Engineer - J. Alam
 Inspector - Mazharul Islam

Contractor : No approved site representative.

2.0 Contractor's Activities2.1 Mobilization

- . Construction of contractor's laborers shed and office in progress.
- . 2-hand tubewells sunk.

2.2 Actual Work Performed

- . Started removal of top soil on 14.02.84 in godown area. Laborers minimal and work going on slow pace basically due to late issuing of Letter of Commitment and Notice To Proceed.

2.3 Material at Site

- . 3,500 cft of concrete sand.
- . - boulders. Laborers breaking for aggregate.

2.4 Equipment at Site

None at site.

3.0 Engineer's Activities

- . Monitoring contractor's work
- . Established grid reference baseline for contractor to set-out the work.
- . Spot level elevations taken on grid points after removal of top soil.
- . Checked contractor's setting-out of work.

4.0 Problems and Solutions

- . BADC's inspection bungalow used by the Engineer's field staff taken over by Administrative Department Staff looking for alternate accommodations.

5.0 Actions Required

- BADC : No apparent problems
- Contractor :.Increase labor force
 - .Obtain compation equipment
 - .Commence construction of boundary wall and public toilet
 - .Submit for approval outstanding items shown in Action Check List.

6.0 Claims

None submitted.

7.0 Work Scheduled Next Month

Contractor requested to submit detailed work schedule for each month. A 'Sample Schedule' has been handed over as guide.

Scheduled for March:

- Site Development : Preparation of Site
 - Filling with on-site and select material
- Warehouse : Footing tie beam and grade beam.
- Ancillary Buildings: Remove lime terracing
 - Stairway to first floor
 - Brickwork to first floor lintel.

INVITATION NO.7 : I4-CHANDPUR

CONTRACTOR : Fazle Azim Engineers Ltd.
 Total Contract Price : Tk.1,70,67,822.35
 Change Orders : Tk.
 Revised Contract Price : Tk.1,70,67,822.35
 Payments To Date : Tk.
 Retention To Date : Tk.
 L/Com. No. : 388-C02409
 Date of L/Com. : 31.01.84
 Issue Date of L/Com. : 23.02.84
 Amount of L/Com. : Tk.1,70,67,822.35
 (\$686,398.00)

Date of Contract : 16.01.84
 Site Handed Over : 31.01.84
 Notice To Proceed : 23.02.84
 Scheduled Completion: 31.12.84 (312)
 Elapsed Time: 6 days 1.9 %

% Completion			
Scheduled		Actual	
This Period	To Date	This Period	To Date
%	%	%	%

1.0 Site Personnel

Engineer : Senior Field Engineer - Alamgir Bhuiyan
 Contractor : No approved representative at site.

2.0 Contractor's Activities

2.1 Mobilization

- . Setting-out of the works.
- . Submitted construction schedules for approval.
- . Submitted material samples for testing.
- . Construction of work shed and office in progress.

2.2 Actual Work Performed

- . Removal of topsoil started on 07.02.84. 90% complete to date.
- . Removal of masonry and concrete foundations in progress.
Refer to 6.0 Claims.
- . Removal of pockets of unsuitable material encountered.

2.3 Material at Site

12,000 cft of concrete sand.

2.4 Equipment at Site

No equipment at site.

3.0 Engineer's Activities

- . Established grid reference base line for setting-out of the Works by Contractor.
- . Monitored Contractor's operations.
- . Took samples of concrete sand for testing.
- . Checked contractor's setting-out of Works.

- . Relocated R3 building to provide more clearance (and support) from canal bank.
- . Realigned public toilet N-S direction.
- . Directed contractor to remove masonry and brick foundation which were to be removed by others. Recorded time and material to remove.
- . Cross-sections taken after removal of topsoil and foundations above.

4.0 Problems and Solutions

- . Chairman, Purasava served notice on SDM, BADC to stop work since the Purasava Committee did not approve the site or layout. Discussion between Chairman and SDM BADC and Sr. Field Engineer in which the layout was discussed appeared to have satisfied the Chairman. Approval of Purasava pending.
- . Removal of two existing sheds within work area are required to be removed. BADC to take action.

5.0 Actions Required

- BADC : . Obtain Chairman's approval of layout as and if required.
- . Take action to remove buildings within work area.
 - . Obtain easement as required at Sen Gupta Road for access to Site.
- Contractor : . Mobilize construction equipment
- . Construct Engineer's Field Office
 - . Comply with outstanding items on Action Check List.

6.0 Claims

Contractor's claim under Clause 51(1)(e) for removal of masonry and concrete foundations within the godown area as per instructions. (FAEL-BADC/AW/84/2303, 26.02.84). The material was to be removed by the removal contractor engaged by BADC.

7.0 Work Scheduled Next Month

No schedule submitted to date.

INVITATION NO.8 : L4-DOMAR

CONTRACTOR : M.S. Khan & Heirs Ltd.
 Total Contract Price : Tk.74,99,255.00
 Charge Orders : Tk.
 Revised Contract Price : Tk.74,99,255.00
 Payments To Date : Tk.
 Retention To Date : Tk.
 L/Com. No. : 388-002410
 Date of L/Com. : 31.01.84
 Issue Date of L/Com. : 02.02.84
 Amount of L/Com. : Tk.74,99,255.00
 (\$301,590.00)
 L/Com. Amendment No.1 : 13.02.84

Date of Contract : 12.01.84
 Site Handed Over : 25.01.84
 Notice To Proceed : 02.02.84
 Scheduled Completion: 31.12.84 (333)
 Elapsed Time : 27 days 8.1 %

% Completion			
Scheduled		Actual	
This Period	To Date	This Period	To Date
%	%	%	%

1.0 Site Personnel

Engineer : Senior Field Engineer - Amalendu Deb Nath
 Field Engineer - M. Rahman
 Contractor : Site Representative - Imdadul Hoq
 Reliever - A Waseq

Note: Both were absent from site from 15-26.02.84

2.0 Contractor's Activities

2.1 Mobilization

- . Construction of temporary office cum godown.
- . Sunk one 1 1/2" tubewell.
- . Constructed latrine for laborers.
- . Sign board erected on 23.02.84.
- . Setting-out of works.

2.2 Actual Work Performed

- . Removed + 6" of topsoil from area.
- . Excavated trenches for Engineer's Office and ancillary buildings.
- . Removed roots of bamboo clusters.

2.3 Materials at Site

- . 1,000 cft of shingles (not approved) being crushed at site.
- . C.I. sheets
- . Select and ordinary fill stockpiled offsite.

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2.4 Equipment at Site

- 1- Leveling instrument
- 1- Concrete mixer
- 1- Water pump
- 1- Vibrator
- 6- Concrete cylinder molds
- 1- Slump cone

3.0 Engineer's Activities

- . Established grid reference base line for setting-out of Works.
- . Checked contractor's setting-out of Works.
- . Monitored contractor's construction activity.
- . Checked density of subgrade compacted by laborers with 15 lb. rammers.
- . Staked out top and toe of slopes.
- . Calibrated contractor's concrete cylinder molds.
- . Instructed contractor to prepare concrete mix design.
- . Contractor instructed to submit a realistic construction schedule.
- . Tested (Dhaka) and approved materials submitted.

4.0 Problems and Solutions

- . 0.05 acres of land required to be handed over. This will be done as soon as harvest is completed. Not affecting work at this time.

5.0 Actions Required

Contractor : Comply with outstanding items on Action Check List.

6.0 Claims

None to date.

7.0 Work Scheduled Next Month

Site Development and Warehouse	: Foundation Excavation Engineer's Field Office Boundary Wall Public Toilet
Ancillary Buildings	: Foundation Excavation Septic Tanks and Soak Wells

2/1

INVITATION NO.9 : 05-PARBATIPUR

CONTRACTOR : The Elite Engineers Ltd.
 Total Contract Price : Tk.1,70,02,196.40
 Change Orders : Tk.
 Revised Contract Price : Tk.1,70,02,196.40
 Payments To Date : Tk.
 Retention To Date : Tk.
 L/Com. No. : 388-002411
 Date of L/Com. : 31.01.84
 Issue Date of L/Com. : 23.02.84
 Amount of I/Com. : Tk.1,70,02,196.40
 (\$683,759.00)

Date of Contract : 12.01.84
 Site Handed Over : 26.01.84
 Notice To Proceed : 23.02.82
 Scheduled Completion: 31 12.84 (312)
 Elapsed Time: 6 days 1.9 %

% Completion			
Scheduled		Actual	
This Period	To Date	This Period	To Date

1.0 Site Personnel

Engineer : Senior Field Engineer - A. Debnath
 Inspector - Omar Ali
 Contractor : Project Engineer - Mushifigur Rahman
 Site Superintendent - G.M. Rabiul Alam

2.0 Contractor's Activities2.1 Mobilization

- . Sunk 1½" tubewell.
- . Construction of contractor's temporary office cum godown up to lintel level.
- . Sign board at site.

2.2 Actual Work Performed

- . Removed topsoil and unsuitable materials within proposed godown area, adjacent tracks, and parking areas.
- . Area for preloading and adjacent tracks scarified and compacted. Contractor could not obtain specified density due to low moisture. Work discontinued on 28.02.84 when roller become inoperable. .
- . Constructed bunds on each side of proposed R2 and R3 ancillary buildings and commenced pumping out water.
- . Completed excavation for Engineer's site office.
- . Commenced removal of top soil from proposed access road and railway track on south side of existing godown.

2.3 Materials at Site

10,000 bricks for contractor's temporary works.
 60,000 cft select fill at site on 29.02.84

2.4 Equipment at Site

- 1- 7ton road roller arrived on 24.02.84. (Broke down on 28.02.84)
- 1- Diesel water pump (24.02.84)

3.0 Engineer's Activities

- Established grid reference base line for setting-out of works.
- Checked and corrected contractor's setting-out of works
- Monitored contractor's activities.
- Issued directive (Page 4605, Book 93) to remove select fill material not approved.
- Issued directive to (Page 4606, Book 93) to submit realistic construction schedule.
- Issued directive (Page 4609, Book 93) that subgrade density did not meet specification.

4.0 Problems and Solutions

- . Contractor did not agree to post survey after stripping of area.
Contractor will survey and Engineer will recheck.

5.0 Actions Required

- BADC : . To arrange removal of condemned railway wagons and rails from the siding alignment so that the embankment can be started.
- . To arrange land from BR as per siding layout.
- Contractor : To take action on the remaining items on the Action Check List.

6.0 Claims

No claims to date.

7.0 Work Scheduled For Next Month

Contractor has been requested to submit detailed work schedule for each month. A sample schedule has been handed over to Contractor as guidance.

Scheduled for March:

Site Development	: Mobilization Preparation of Site Collection of Materials Engineer's Field Office Guard House Public Toilet Select Fill and Surcharge
------------------	--

Warehouse : Nil

Ancillary Building : Nil

A. FINANCIAL - PROGRESS SCHEDULE

FINANCIAL

Total Procurement Budget	- \$ 2,014,567
Special Project Activity	- \$ 245,498
Total Contract Budget	- \$ 2,260,065
Estimated Expenditures To-date	- \$ 960,306
% Expenditure to Total Contract Budget	- 42.5%

PRGRESS

Elapsed Contract Time	- 447 days
Remaining Contract Time	- 365 days
% Elapsed Time	55.5%

B. ADMINISTRATION

1. The Consultant's Agreement

- . Contract Agreement signed - 09 December 1982
- . Effective Date - 09 December 1982
- . AID Letter of Commitment
No.388-C024-3-30381 - 15 December 1982
- . Duration - 28 February 1985 (26.74 mos)
- . Months Completed - 14.74 months

2. Expatriate Staff

		<u>Month Months</u>	
		<u>Allocated</u>	<u>Utilized</u>
George A. Pecht	- Project Manager	27	13.60
Harry S. Allen	- Chief Construction Engineer	25	11.19
	- Foundation Engineer	8	7.72*
	- Structural Engineer	6	4.91*
Y.O. Kim	- Project Engineer	16	0.29

* Assignment Completed

3. Contract Administration

3.1 For action by BADC:

- . Amendment No.1 to Consultant's Agreement extending duration to 30 June 1985.
- . Obtain T&T approval for wireless licence for radio communication. 724.1.1.11/1059, 1 February 1984
PD/FWP-Phase/105.03/1371, 5.2.84
2NA(STG)139/81-82/823/1(3), 07.02.84

4. Meetings

- . Consultant's weekly staff review meetings.
- . Meetings with Construction Contractors

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5. Supporting Bangladeshi Personnel

5.1 WEL and SSL Personnel (Sub-Contract)

<u>Designation</u>	<u>Man-Month</u>	
	<u>Allocated</u>	<u>Utilized</u>
Deputy Project Manager	27	13.9794
S&M Engineer	24	15.2728
Structural Engineer	9*	9.0388
Architect	4	3.8389
Electrical Engineer	6	1.5238
Railway Engineer	24	11.9089
Office Engineer	26	13.8656
Land Procurement Office	12	11.1366
Surveyor	25	12.7072
Instrument Man	25	12.5664
Rodman	25	6.8222
Chainman	25	12.3191
Draftsman	69*	44.0863
Laboratory Technician	56	18.3982
Laboratory Assistant	56	4.0228
Estimator	48	18.8943
Senior Field Engineer	60	15.9048
Field Engineer	80	3.0269
Inspectors	128	8.5921
Drivers	94	-
Messenger	34	-
Peon	34	-
Guard	68	-
Clerk	34	-
Typist	34	-

5.2 Administrative Personnel

Administrative Manager	27	14.4546
Senior Accountant	27	14.5844
Assistant Accountant	44	13.1108
Secretary	27	14.5368
Printer	27	12.9069
Typist	72	37.6417
Clerk	45	14.6217
Drivers	103	52.0627
Messenger	45	11.8160
Peon	72	35.5433
Guard	90	60.5613
Radio Operator	48	-
Office Superintendent/Asst. Accountant	34	1.3478

* Adjusted

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II. Consultant's Activities

6. Project Expenditures
(Estimated Project Cost Incurred)

<u>Item</u>	<u>Agreement Budget</u>	<u>Adjusted Budget</u>	<u>This Month</u>	<u>Cumulative</u>
Services in Bangladesh	\$ 746,188	\$ 790,172	\$ 22,776	\$ 366,201
Services in Home Office	176,178	176,178	-	133,499
International Travel, etc.	85,740	85,740	-	17,899
Housing Allowances,- Per Diem etc.	91,075	102,775	2,202	52,825
Logistic Costs	223,400	223,400	4,591	68,895
Supporting Staff	382,404	387,842	11,659	104,902
Misc. Direct Costs	43,000	43,000	25	7,804
Fixed Fee	205,460	205,460	7,610	114,150
	<u>\$1,953,445</u>	<u>\$2,014,567</u>	<u>\$ 48,863</u>	<u>\$ 866,175</u>
Percent of Estimated Budget			2.43%	43%
Percent Contract Time (To 28.02.85)				55.12%
Special Project Activity	<u>306,620</u>	<u>245,498</u>	<u>3,967</u>	<u>94,131</u>
	<u>\$2,260,065</u>	<u>\$2,260,065</u>	<u>\$52,830</u>	<u>\$960,306</u>

7. Billing and Payment

<u>Invoice</u>	<u>Period Ending</u>	<u>Billing</u>	<u>Payment</u>
01 - 10	30 Nov 83	\$ 773,070.57	\$ 771,027.01
11	31 Dec 83	\$ 36,671.56	Under Process

8. Reports

- Monthly Progress Report No.14 for January 1984 submitted by letter /1110, 09 February 1984.

C. TECHNICAL

1. Summary of Consultant's Activities During This Month

- After receipt of Letter of Commitments from USAID on 02.02.84 and 23.02.84 issued Notice To Proceed to the Contractors on same dates noted.
- Assigned field personnel to each sites for surveillance of Contractors' construction activity.
- Established a soils and materials laboratory in Dhaka and commenced testing of samples of select fill materials, concrete sand, mortar sand, and bricks submitted by each of the contractors.
- Procured from EADC's fund four Project Vehicles (Pajero Jeeps).
- Survey teams established a grid baseline for reference to enable the contractor to set-out the works at each site.
- Assisted contractors in setting-out the works and in establishing supplemental bench marks.
- Issued to the contractors an Action Check List for compliance in accordance with the Conditions of Contract and Technical Specifications. Briefly, the check list includes:
 - . Prepare and erect signboard. (Sec. 1A.02 C)
 - . Submit program of payment apportioning for progress payments for lump sum items. (Sec. 1A.03 G)
 - . Submit no later than 21 days after execution of contract for approval a Construction Progress-Construction Schedule. (Sec. 1A.04 B)
 - . Prepare and submit weekly reports. (Sec. 1A.04 D)
 - . Prepare and submit monthly reports. (Sec. 1A.04 E)
 - . Prepare and submit shop drawings. (Sec. 1A.04 B)
 - . Submit samples for approval. (Sec. 1A.05 C, Sec. 1A.02)
 - . Submit project photographs. (Sec. 1A.06)
 - . Submit drawings for approval of contractor's temporary facilities. (Sec. 1A.07)
 - . Arrange testing equipment at site. (Sec. 1A.01 D)
 - . Submit surcharge and preloading construction sequence. (Sec. 2Z)
 - . Submit request for incoming power line. (Sec. 16N.01)
 - . Submit curriculum vitae of authorized agent. (Clause 15)
 - . Set-out the work. (Clause 17)
 - . Furnish and have available at site all necessary instruments, appliances, and labor for setting-out the work. (Clause 17)
 - . Submit insurance policies for the works and third party liability. (Clause 21 and 23)

II. Consultant's Activities

- Processing with concerned authorities obtaining permit for radio license.
- Provided guidance to the contractors in preparing schedules, selecting and submitting samples, and in start-up of the work.
- Provided contractors form of Fidelity Bond for Mobilization Advance and typical CAR/PL insurance policy. (/1162, 16.02.84)
- Reviewed curricular vitae of authorized site representatives designated by the contractors (so submitting) in accordance Clause 15 and 34(2) of Conditions of Contract.
- Reviewed schedules and drawings of temporary contractor's facilities of those contractors so submitting and took action in commenting or approval.
- Issued field message giving directions to contractors as required.
- Prepare forms for monitoring settlement platforms and for control of work and control of materials.
- Prepare and submitted Progress Report for January 1984.
- Kept Manager (Storage) BADC informed of obstructions and other problems at site and assisted to resolve.
- Prepared and submitted to contractors a Transmittal Form to expedite their requests for approval. (/1161, 16.02.84)
- Submitted to the contractors for their guidance in preparation of concrete job-mix design, a tentative proportions of 3,000 psi (28 days) design mix.
- Adjusted site layout drawings to conform to conditions met in field.
- Held scheduled meetings with each of the contractors and consultant's key personnel.
- Continued site inspection, construction surveillance, and filing reports for action by key staff members.
- Continued monitoring availability of construction materials.
- Monitoring resolution of site possession and removal of obstructions.

2. Status of Sites

B1-Kishoreganj

- . Land as per Land Plan Drawing No.B1-001 R1 dated 23.10.83 is in possession of BADC and handed over to Contractor for construction work. BADC to execute deed for the Sugar Mill land.
- . BADC to take action for the relocation/raising of telephone line.
- . BADC to negotiate land from BR for railway siding and establish property line.

C3-Jamalpur

- . Land as per Land Plan Drawing No.C3-001 dated 30.09.83 is in possession of BADC and handed over to Contractor for construction work. The south line on the east side of the property is to be confirmed at site. This line presently encroaches about 3 feet into adjacent property and affects a tin shed. District Manager, BADC is trying to resolve the issue at site.
- . District Manager, BADC reported taking over additional land on the north-east side of the property. Upon confirmation from BADC the Land Plan shall be revised to include the additional area.
- . BADC to negotiate land from BR for railway siding.

F1-Dohazari

- . The land, although in possession of BADC and handed over to Contractor for the construction work, had boundary problems with Roads & Highways Department (RHD). The boundary demarcation has been resolved at site by local officers from concerned departments and agree with the Consultant's Drawing No.F1-002 R2 dated 27.10.83.
- . BADC to finalize possession of land for access to river and obtain written approval from RHD for easement of land for access to site from Chittagong - Cox's Bazar road.

F3-Cox's Bazar

- . Land as per Land Plan Drawing No.F3-001 dated 30.09.83 is in possession of BADC and handed over to Contractor for construction work.
- . BADC to negotiate land for access to river.
- . BADC to coordinate with people contiguous to site the demolishing of existing boundary wall and construction of new wall.
- . BADC to take action to remove power supply guy wire from the godown area and relocate guy wire.
- . BADC to handle matter relating to maintaining thoroughfare thru property.

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H2-Chowmuhani

- . Land as per land plan Drawing No.H2-001 R1 dated 26.12.83 is in possession of BADC and handed over to Contractor for construction work.
- . Telephone line at the access road has been relocated by T&T Department. The line should be raised to provide clearance of at least 15 ft.

H3-Lakshmipur

- . Land as per Land Plan Drawing No.H3-001 dated 30.09.83 is in possession of BADC and handed over to Contractor for construction work.

I4-Chandpur

- . Land as per Land Plan Drawing No.I4-001 dated 30.09.83 is in possession of BADC and handed over to Contractor for construction work.
- . BADC to obtain approval of construction of warehouse from Municipality.
- . BADC to negotiate easement of land with Chandpur Municipality for access to site from Sen Gupta Road.
- . BADC to remove two tin sheds to enable construction of link canal and access road from Sen Gupta Road side.

05-Parbatipur

- . Land as per Land Plan Drawing No.05-001-2 and 05-001-3 all dated 30.09.83 is in possession of BADC and handed over to Contractor for construction work.
- . BADC to review the demolishing boundary wall and latrine.
- . BADC to negotiate land from BR for the construction of railway siding.

L4-Domar

- . All but 0.05 acres of land as per Land Plan handed over to Contractor.

3. Railway Siding

- . The Project Director/BR has approved the railway siding layout plans for Kishoreganj, Jamalpur, and Parbatipur. The plan of Kishoreganj has been returned to the Engineer, thru BADC, by Chief Engineer/East for additional information. The Engineer is processing the request.
- . At Parbatipur, the BR is required to take action in removal of box cars, carriages, old track, etcetera from the proposed siding to enable the Contractor to instruct the embankment work.

4. Materials Testing:

Site	Name of Material	No. of Samples Submitted	No. of Samples Approved	Remarks
B1-Kishoreganj	Bricks	6	3	
	Concrete Sand	3		
	Mortar Sand	4		
	Select Fill	3	1	
	Ordinary Fill	4	4	
	Lab.Compaction (MDD) Test for Select Fill Ordinary Fill & Soil from existing ground	10	-	Results sent to site.
C3-Jamalpur	Bricks	5	2	
	Cement	1		
	Coarse Aggr.	6		
	Conc. Sand	5	1	
	Mortar Sand	2		
	Select Fill	3	1	
	Ordinary Fill	1	1	
Lab.Compaction (MDD) Test for Select Fill Ordinary Fill & soil from existing ground	4		Results sent to site	
F1-Dohazari	Bricks	1		
	Coarse Aggr.	1		
	Select Fill	2	2	
F3-Cox's Bazar	Bricks	1	1	
	Conc. Sand	1		
	Mortar Sand	1		
	Select Fill	2	2	
	Lab.Compaction (MDD) Test for Soil from exist- in ground	2		Results sent to site.

II. Consultant's Activity

Site	Name of Material	No. of Samples Submitted	No. of Sample Approved	Remarks
H2-Chowmuhani	Bricks	3	2	
H3-Lakshmipur	Cement	2		
	Coarse Aggregate			
	Concrete Sand	1	1	
	Mortar Sand	1		
	Select Fill	5	2	
	Ordinary Fill	2	1	
	Lab. Compaction (MDD) Test for Soil from existing ground			
	Chowmuhani	2		Results sent to site.
	Lakshmipur	2		-do-
I4-Chandpur	Bricks	2	1	
	Cement	4		
	Coarse Aggregate	2		
	Concrete Sand	1	1	
	Mortar Sand	1		
	Select Fill	2	1	
	Lab Compaction (MDD) Test for Soil from existing ground	3		Results sent to site.
L4-Domar	Bricks	2	1	
	Cement	1		
	Coarse Aggregate	5		
	Concrete Sand	2	1	
	Mortar Sand	2		
	Select Fill	1	1	
	Ordinary Fill	1	1	
	Lab. Compaction (MDD) Test for Soil from existing ground	2		Results sent to site.
05-Parbatipur	Bricks	3		
	Cement	4		
	Coarse Aggregate	1		
	Concrete Sand	2		
	Mortar Sand	2		
	Select Fill	6	4	
	Lab. Compaction (MDD) Test for Soil from existing ground	3		Results sent to site.

Serial Number	REFERENCES	ACTION REQUIRED	ACTION BY	DATE ACTION TAKEN									
				D1 Kishoreganj	C3 Jamalpur	F1 Dohazari	F3 Cox's Bazar	H2 Chowmahani	H3 Taksimipur	I4 Chandpur	I4 Domr	O5 Parbatipur	
1.	Clause 34 (12) Conditions	Nominate key personnel and submit Curriculum Vitae	Contractor	1175		1075						1101	1176
2.	Para 14 (Tender) Clause 41 (Conditions)	Commence work within 15 days of date of Notice To Proceed	Contractor	x	x	x	x	x	x	x	x	x	x
3.	Clause 17 (Conditions)	Setting out of the Works	Engineer & Contractor	x	x	x	x	x	x	x	x	x	x
4.	Clause 60 (Conditions)	Submit Fidelity Bond if Contractor requests Mobilization Advance	Contractor	x	x	x	x	x	x	x	x	x	x
5.	Spec. 1A.03 G (Spec)	Submit lump sum payment-apportioning to Engineer for approval	Contractor		x							x	x
6.	Para 2.b. (Schedule) Sec. 1A.07 I (Spec)	Construct Engineer's Field Office within 45 days of commence date	Contractor										
7.	Sec. 1A.02 C (Spec) Clause 78 (Conditions)	Prepare and erect signboard	Contractor	x	x	x	x	x	x			x	x
8.	Clause 23 (Conditions) Clause 21	Obtain insurance and submit certified copy of policies to Engineer prior to first progress payment but no later 60 days from Notice To Proceed	Contractor										
9.	Sec. 1A.04 B (Spec) Clause 14 (Conditions)	Prepare and submit Construction Progress and Completion Schedule within 21 days after execution of contract.	Contractor	R	R	R	R	R	A			R	R
10.	724-4.5.1/1177	Reporting Progress	Contractor										
11.	Sec. 1A.04 D (Spec)	Submit Weekly Report	Contractor										
12.	Sec. 1A.04 E (Spec)	Submit Monthly Progress Report	Contractor										
13.	Sec. 1A.05 D (Spec)	Prepare and submit shop drawings for approval	Contractor										
14.	Sec. 1A.05 C (Spec) Sec. 1B.02 (Spec)	Submit samples for approval	Contractor	Refer	To	Material	List						
15.	Spec. 1A.06 (Spec)	Take and furnish construction photographs	Contractor		x							x	
16.	Spec. 1A.07 (Spec) Clause 14 (Conditions)	Submit plan of temporary facilities and their location	Contractor	x	x				x		x	x	x

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Serial Number	REFERENCES	ACTION REQUIRED	ACTION BY	DATE ACTION TAKEN									
				B1 Kishoreganj	C3 Jamalpur	F1 Dobazari	F3 Cox's Bazar	H2 Chowdhoni	H3 Iskandripur	I4 Chandpur	I4 Domar	O5 Parbatipur	
17.	Sec. 1A.07 B (Spec) Clause 14 (Conditions)	Furnish and install tubewell, septic tank and soak well	Contractor							x			
18.	Sec. 1A.07 D (Spec) Clause 19 (Conditions)	Provide temporary electrical facilities	Contractor										
19.	Sec. 2Z (Spec)	Surcharge and Preloading Construction Sequence	Contractor										
20.	Sec. 16N.01 (Spec)	Request incoming power line	Contractor										

Legend:

- X : Complied
- R : Revise and Resubmit
- A : Approval

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