JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

DEPARTMENT OF IRRIGATION
MINISTRY OF WATER RESOURCES
HIS MAJESTY'S GOVERNMENT OF NEPAL

THE FEASIBILITY STUDY ON THE SUNSARI RIVER IRRIGATION PROJECT IN THE KINGDOM OF NEPAL

FINAL REPORT DRAWINGS

January, 2003

SANYU CONSULTANTS INC.

AFA JR 03-06

LIST OF DRAWINGS

A) GENARAL

DRAWING NO.	TITLE
GP-1to3	IRRIGATION AND DRAINAGE CANAL NET WORK (Ortho-Photo Map) (1/3)-(3/3)
GP-4	IRRIGATION AND DRAINAGE CANAL NET WORK

B) HEADWORKS

DRAWING NO.	TITLE					
HW-1	TYPICAL SECTION OF HEADWORKS -PLAN-					
HW-2	TYPICAL SECTION OF HEADWORKS -ELEVATION-					
HW-3	TYPICAL SECTION OF HEADWORKS -SPILLWAY-					
HW-4	TYPICAL SECTION OF HEADWORKS -SCOURING SLUICE-					
HW-5to6	TYPICAL SECTION OF HEADWORKS -PIER (1/2)-(2/2)-					
HW-7	TYPICAL SECTION OF INTAKE STRUCTURES					
HW-8	TYPICAL SECTION OF TRANSITION RETAINING WALL					

C) CANAL

DRAWING NO.	TITLE
CN-1	PROPOSED DIMENSIONS OF HEAD RACE AND MAIN CANAL
CN-2	TYPICAL SECTION OF SECONDARY AND TERTIARY CANAL
CN-3	TYPICAL SECTION OF SUKSENA MAIN CANAL
CN-4to9	SUKSENA MAIN CANAL PLAN AND LONGITUDINAL SECTION (1/6)-(6/6)
CN-10	TYPICAL CROSS SECTION OF SHANKARPUR MAIN CANAL
CN-11to16	SHANKARPUR MAIN CANAL PLAN AND LONGITUDINAL SECTION (1/6)-(6/6)
CN-17	TYPICAL DRAWING OF WATERCOURCE IRRIGATION SYSTEM

E) DRAINAGE

DRAWING	NO. TITLE
DR-1	TYPICAL DRAWING OF DRAINAGE RE-USE STRUCTURE
DR-2	BOX CULVERT FOR DRAINAGE (DRAIN CROSSING CANAL)
DR-3	PIPE CULVERT FOR DRAINAGE (DRAIN CROSSING CANAL)
DR-4	DRAINAGE OUTFALL

D) ANCILLARY FACILITIES OF CANAL

DRAWING N	O. TITLE
AF-1	MAIN CANAL CROSS REGULATOR
AF-2	MAIN CANAL OUTLET
AF-3	MAIN CANAL SYPHON (SUKSENA MAIN CANAL)
AF-4	MAIN CANAL AQUEDUCT (SHANKARPUR MAIN CANAL)
AF-5	MAIN CANAL ESCAPE STRUCTURE
AF-6	TYPICAL DRAWING OF HEAD RACE CROSSING
AF-7	TYPICAL DRAWING OF PROPOTIONAL DISTRIBUTOR
AF-8	TYPICAL DRAWING OF FARM TURNOUT
AF-9	POSITION OF CANAL PROTECTION WORKS
AF-10	TYPICAL DRAWING OF CANAL PROTECTION WORKS
AF-11	TYPICAL DRAWING OF SLIPWAY AND STEPS IN CANAL
AF-12	
	(TERTIARY CANAL CROSSING ROAD)
AF-13	TYPICAL DRAWING OF FOOT BRIDGE

F) RIVER TRAINING

DRAWING NO.	TITLE						
RT-1to2	PROPOSED (1/2)-(2		TRINING	SECTION	0F	SUNSARI	RIVER

G) MARIYA DHAR (OLD SUNSARI RIVER) SCHEME

DRAWING	NO. TITLE	
MD-1	SUPPLEMENT IRRIGATION AND RURAL DEVELOPMENT FROM OLD SUNSARI RIVER	
MD-2	SUBMERGED ROAD AND HEADWORKS	

H) OTHERS

DRAWING NO. TITLE					
R1-1	TYPICAL	DRAWING	0F	ROAD IMPROVEMENT	
FP-1	TYPICAL	DRAWING	0F	FISH POND	
CP-1	TYPICAL	DRAWING	0F	COLLECTING POINT	

