



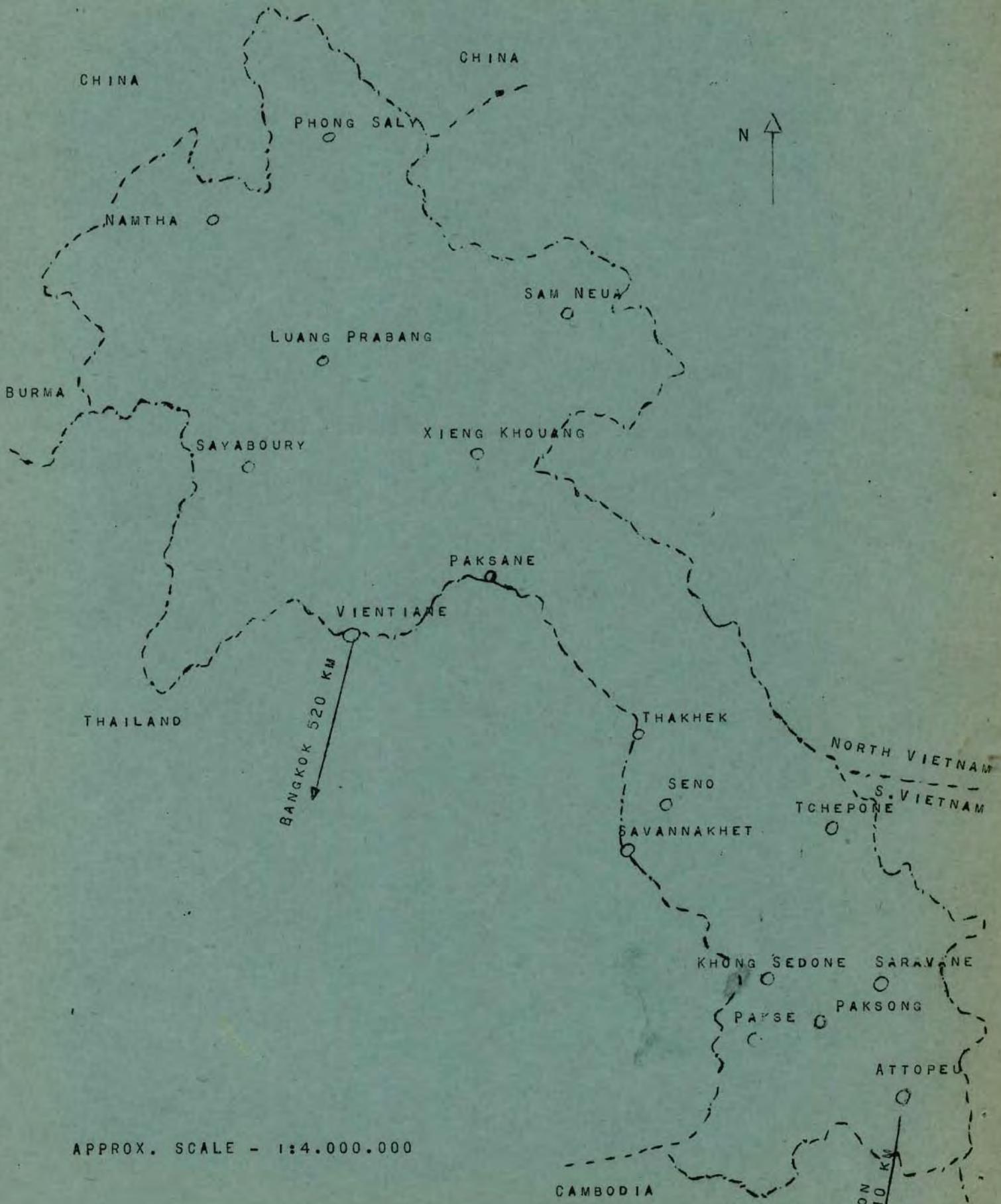
KINGDOM OF LAOS
TELECOMMUNICATIONS PROJECT

MONTHLY REPORT
JANUARY 1962

**SPONSORED BY INTERNATIONAL
COOPERATION ADMINISTRATION
U. S. A.**

TELEVISION ASSOCIATES OF INDIANA, INC.
MICHIGAN CITY, INDIANA

MAP OF THE KINGDOM OF LAOS



APPROX. SCALE - 1:4.000.000

TELEVISION ASSOCIATES OF INDIANA, INC.
A SUBSIDIARY OF MELPAR, INC.
HOME OFFICE - MICHIGAN CITY
INDIANA, U.S.A.

BOITE POSTALE 204
VIENTIANE, LAOS

19 FEBRUARY 1962

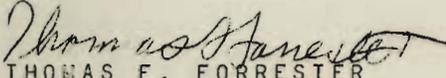
V-611/P20.6

TO: THE DIRECTOR, USOM/LAOS

SUBJECT: MONTHLY REPORT OF ENGINEERS, CONTRACT ICAC-1305
REGIONAL TELECOMMUNICATIONS PROJECT

FORWARDED HERewith IS THE REPORT OF THE ENGINEERS'
LAOS OFFICE FOR THE MONTH OF JANUARY 1962.

TELEVISION ASSOCIATES OF INDIANA, INC.


THOMAS F. FORRESTER
PROJECT MANAGER-LAOS

MONTHLY REPORT

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ANNEX A. GENERAL & ADMINISTRATION:

1. THE TAI REGIONAL COMPTROLLER COMPLETED HIS AUDIT OF THE BOOKS OF THE FIELD OFFICE AND ASSISTED IN SETTING UP THE NEW SET OF BOOKS IN CONFORMITY WITH THOSE OF THE OTHER FIELD OFFICES.
2. THE TAI REGIONAL PROGRAM MANAGER VISITED VIENTIANE 9 - 11 JANUARY.
3. ENGINEERING COSTS.
 - A. ENGINEERING COSTS TO DATE ARE ESTIMATED AS APPROXIMATELY \$ 297,600
OR
91% OF THE CONTRACT LIMITATION OF \$ 328,361
 - B. THE AMOUNT ALLOTTED FOR ENGINEERING COSTS HAS BEEN INCREASED BY \$50,000 TO A NEW TOTAL OF \$328,361.
 - C. DETAIL OF COSTS IS IN APPENDIX 1. THIS COVERS FIELD OFFICE EXPENDITURES TO 31 JANUARY AND HOME OFFICE AND REGIONAL OFFICE EXPENDITURES TO 31 DECEMBER 1961.

APPENDIX 1.

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MONTHLY REPORT

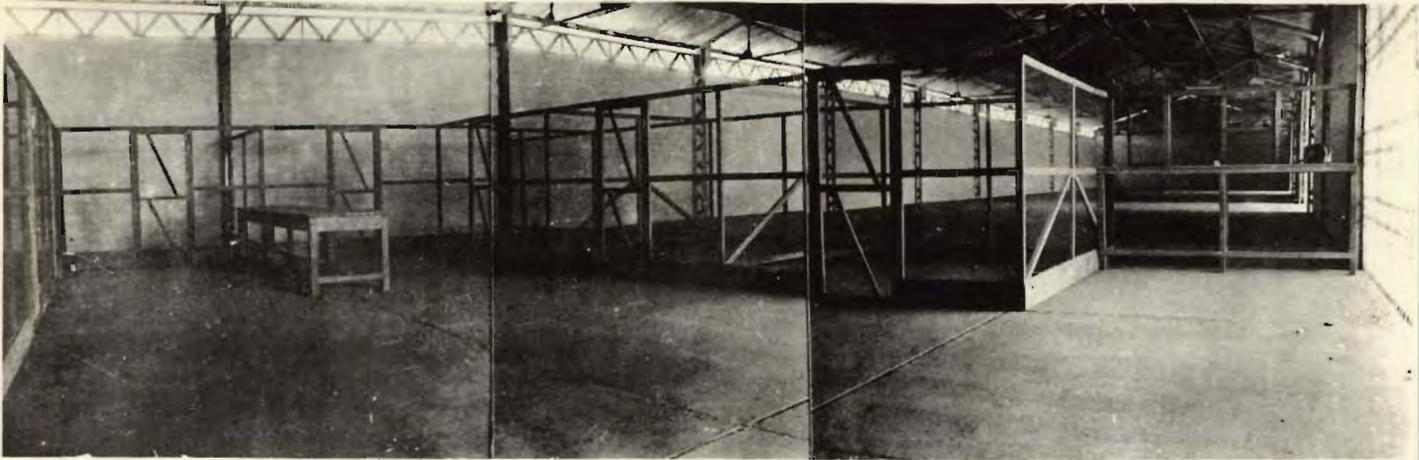
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APPENDIX 1 TO ANNEX A: ENGINEER'S COST AS OF 31 JANUARY 1962

<u>CONTRACT ARTICLE NO.</u>	<u>DESCRIPTION</u>	<u>TOTAL</u>
VI-1	FIXED FEE	\$ 15,697.80
VI-3-(A)	SALARIES: HOME OFFICE PERSONNEL	16,073.33
VI-3-(B)	SALARIES: RESIDENT FIELD STAFF	38,103.37
VI-3-(C)	SALARIES: POOL FIELD STAFF	1,900.88
VI-3-(D)	SALARIES: POOL PILOTS & CO-PILOT	4,051.10
VI-3-(E)	OVERSEAS DIFFERENTIAL	8,715.09
VI-3-(F)(I)	TRAVEL ENROUTE DUTY POST	6,863.75
VI-3-(F)(II)	TRANS. OF PERSONAL BELONGINGS	2,439.95
VI-3-(F)(III)	PER DIEM ALLOW. ENROUTE O.S.	174.78
VI-3-(F)(IV)	RETURN TRAVEL - TRANS. & PER DIEM	1,579.37
VI-3-(F)(V)	PER DIEM IN DUTY COUNTRY	10,919.35
VI-3-(F)(VI)	TRAVEL & PER DIEM IN U.S.A.	1,520.89
VI-3-(F)(VII)	FREIGHT, PACKING, CRATING	3,734.90
VI-3-(F)(VIII)	TRAVEL & PER DIEM: EMP. TO MICH. CITY	60.17
VI-3-(F)(IX)	TRAVEL & PER DIEM: H.O. STAFF O.S.	1,769.61
VI-3-(G)(I)	VACATIONS: FIELD STAFF	1,374.74
VI-3-(G)(II)	SICK LEAVE: FIELD STAFF	217.21
VI-3-(G)(III)	HOLIDAYS: FIELD STAFF	824.80
VI-3-(G)(IV)	VACATIONS & SICK LEAVE: H.O.	338.72
VI-3-(G)(V)	HOLIDAYS: HOME OFFICE STAFF	279.75
VI-3-(H)	TRAINING & EXPENDABLE SUPPLIES & EXP	280.22
VI-3-(I)	EQUIP., INSTRUMENTS & SUPPLIES	19,266.29
VI-3-(J)	AIRCRAFT OPERATIONS	9,822.55
	CHARTERED AIR	4,843.90
VI-3-(K)	TRAVEL EXPENSE	3,977.44
	VEHICLE OPERATIONS & MAINTENANCE	4,466.62
VI-3-(L)	QUARTERS ALLOWANCE	7,050.57
VI-3-(O)	SUBCONTRACTS & PURCHASE ORDERS	84.32
VI-3-(P)	INSURANCE - PREMIUMS	4,387.43
VI-3-(Q)	DIRECT OUT-OF-POCKET	10,611.60
VI-3-(S)	OVERHEAD - HOME OFFICE	18,645.72
VI-4	SALARIES: LOCAL NON U.S. PERS.	61,224.34
XXXII-4-(B)	HOUSEHOLD FURNISHINGS	2,185.42
XXXII-4-(C)	OFFICE & STORAGE RENTAL	15,452.37
	OFFICE FURNISHINGS	5,770.45
XXXIV-3	PERFORMANCE & PAYMENT BONDS	3,000.00
XXXX	EMERGENCY EVACUATION	2,646.98
	INTERCHANGE OF PERSONNEL	7,254.41
		<u>\$ 297,610.19</u>



COMPOSITE VIEW OF INTERIOR



EXTERIOR VIEW

WAREHOUSE LOANED BY MINISTRY OF FINANCE FOR P & T PROJECT MATERIAL



START OF CONSTRUCTION ON CABLE VAULT FOR CENTRAL OFFICE
(SIDE LOCATION CALLED FOR BY PLANS FOR STREET WIDENING)

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ANNEX B. ENGINEERING & OPERATIONS:

I. PROCUREMENT

- A. THE FIRST PURCHASE ORDER WAS COMPLETED DURING THE MONTH WITH THE ARRIVAL OF THE GENERAL CARGO TRUCK. IT ARRIVED AT THE PORT OF BANGKOK ON 1-2 DECEMBER AND WAS DELIVERED IN VIENTIANE ON 18 JANUARY.
- B. WIRE, TOOLS, EQUIPMENT, MATERIAL, AND ADDITIONAL TRANSPORT COMMENCED ARRIVING AT THE PORT OF BANGKOK DURING THE MONTH. OTHER ITEMS ARE DUE THERE IN FEBRUARY. NO SHIPPING SCHEDULE RECEIVED YET ON THE KEY ITEM OF SUBTERRANEAN CABLE.
- C. POLE-TERMINALS SCHEDULED FOR SHIPMENT WITH THE ITEMS WHICH ARRIVED IN BANGKOK IN JANUARY HAVE APPARENTLY NOT BEEN SHIPPED. INFORMATION RECEIVED TOWARD THE END OF THE MONTH INDICATES A POSSIBILITY OF DELAY IN SHIPMENT. UNLESS SHIPPED IMMEDIATELY THEIR ARRIVAL MAY BE SUFFICIENTLY DELAYED TO FURTHER COMPLICATE THE CONSTRUCTION SCHEDULE. THE AUTHORIZED AGENT HAS BEEN QUERIED ON THESE ITEMS.

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ANNEX B. ENGINEERING & OPERATIONS (CONT'D);

- D. THE AUTHORIZED AGENT ON 19 JANUARY PLACED ORDERS FOR ALL OUTSTANDING REQUISITIONS. THE VENDOR HAS PROMISED PROMPT SHIPMENT OF KEY ITEMS FROM STOCK UPON RECEIPT OF THE LETTER OF CREDIT. REQUESTS FOR LETTERS OF CREDIT WERE PROCESSED TELEGRAPHICALLY IN ORDER TO SAVE TIME.
- E. SEE APPENDIX I TO ANNEX B FOR DETAIL OF PROCUREMENT STATUS.

2. POLES

- A. DURING THE MONTH AT A MEETING BETWEEN THE DIRECTOR OF ELECTRICAL AUTHORITY, THE USOM CONTRACT REPRESENTATIVE, AND THE ENGINEERS, AGREEMENT WAS REACHED ON JOINT USE WHICH WILL BE ACCORDING TO APPROVED PRACTICE. ENGINEERS MADE INFORMATION AVAILABLE TO THE DIRECTOR, WHO LATER MADE DIRECT CONTACT WITH THE DIRECTOR OF THE P&T. SPECIFIC PRACTICES MUST BE APPROVED, BUT THESE ARE EXPECTED TO FOLLOW IN GENERAL THE STANDARD U.S. PRACTICES AS TO INSTALLATION. ACCOUNTING DETAILS MUST ALSO BE DEVELOPED WITHIN THE FRAMEWORK OF LOCAL LAWS AND REGULATIONS. ENGINEERS WILL ASSIST IN THIS. APPLICATION OF JOINT USE WILL NOT BE HELD UP FOR THE ACCOUNTING.

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ANNEX B ENGINEERING & OPERATIONS (CONT'D):

- B. IT WAS AGREED TO RECOMMEND THAT THE PURCHASING POWER OF THE TELEPHONE AND POWER PROJECTS BE POOLED FOR POLE PROCUREMENT.
- C. ALSO DISCUSSED WAS THE POSSIBILITY OF INTRODUCING WOOD PRESERVATION PRACTICES. THIS WOULD ENABLE USE OF SOFTER WOODS NOT ACCEPTABLE UNTREATED AND THEREBY IMPROVE POLE PROCUREMENT POSSIBILITIES. THE ENGINEERS HAVE OBTAINED AND EXPECT MORE INFORMATION ON LOW-COST SALT TREATMENT PLANTS WHICH HAVE BEEN DESIGNED FOR USE IN S.E. ASIA. SUCH PLANTS ARE IN OPERATION IN THAILAND AND MALAYA.
- D. THE AGREEMENT ON JOINT USE WILL GREATLY REDUCE THE AMOUNT OF POLE INSTALLATION WORK FOR THE P&T. IT WILL ALMOST ELIMINATE NEED FOR PROCUREMENT OF NEW POLES FOR THE P&T, PREVIOUSLY A HEAVY REQUIREMENT BECAUSE OF THE DERANGEMENT OR REMOVAL OF POLE LINES AS A RESULT OF MILITARY CONSTRUCTION.

3. INTERIM SYSTEM

PLANNING ON THIS SYSTEM WILL BE FINALIZED UPON DETERMINATION OF MATERIAL AND TECHNICIAN SCHEDULES.

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ANNEX B. ENGINEERING & OPERATIONS (CONT'D):

4. CONSTRUCTION PLANS

- A. SIGNED APPROVAL OF CABLE ROUTES AND RIGHTS-OF-WAY WERE RECEIVED FOR ALMOST ALL ROUTES ON 19 JANUARY. LAST MINUTE ANNOUNCEMENTS OF NEW ROAD PLANS HELD UP APPROVAL OF SOME SECTIONS BUT PLANS WERE CHANGED AND APPROVALS RECEIVED THE FOLLOWING WEEK. NOW APPROVED ARE ALL RUNS EXCEPT THE LAST 1250 METERS OF CABLE NO.4 (ROUTE TO THADEUA) AND APPROVAL HAS BEEN OBTAINED IN GENERAL AS TO THE SIDE OF THE ROAD THERE. SPECIFIC PLANS FOR THAT SECTION WILL DEPEND ON THE STATUS OF ROAD CONSTRUCTION AT THE TIME OF CABLE CONSTRUCTION.
- B. THE NEW STREET CONSTRUCTION AND PROHIBITIONS ON AERIAL CROSSINGS OF SOME MAIN STREETS HAS REQUIRED MORE BURIED CROSSINGS AND INSTALLATION OF PARALLEL POLE TERMINALS. THIS INCREASES THE REQUIREMENT FOR CABLE LEADS OR STUBS AND FOR TERMINALS AND WILL REQUIRE MINOR CHANGES IN TERMINAL PLANS, BUT ALL REQUIREMENTS WILL BE MET. IN THE RUE CHAO ANOU, RUE SETHATIRATH, AND ROUTE CIRCULAIRE AREA REPLACEMENT OF TWO AERIAL CROSSINGS BY BURIED CROSSINGS APPEARED UNSATISFACTORY. THE CHAO ANOU LATERAL HAS BEEN INCREASED IN SIZE AND GIVEN A SUB-LATERAL IN ORDER TO FEED THE AREA.

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ANNEX B. ENGINEERING & OPERATIONS (CONT'D):

- C. WITH THE FINAL RECEIPT OF APPROVALS, COMPLETION OF CONSTRUCTION PLANS PROCEEDS RAPIDLY. VERY LITTLE PLANNING, OTHER THAN THAT TO ACCOMODATE NEW TERMINAL REQUIREMENTS (PARA. 4-B) REMAINS TO BE DONE UNTIL START OF CONSTRUCTION. THE LAST MINUTE CHANGES WERE QUICKLY INCORPORATED INTO THE CONSTRUCTION NOTES, AND ALL DETAIL IS NOW BEING ENTERED ON THE APPROVED PLANS. COMPLETION EARLY IN FEBRUARY IS EXPECTED.
5. THE WAREHOUSE (SEE ILLUSTRATION) WAS READIED FOR RECEIPT OF MATERIALS.
6. PUBLIC WORKS COMMENCED CONSTRUCTION OF THE ABOVE GROUND CABLE VAULT AT THE CENTRAL OFFICE (SEE ILLUSTRATION). IT WILL BE COMPLETED EARLY IN FEBRUARY.
7. THE THAILAND PROJECT OFFICE HAS BEEN EXTREMELY HELPFUL IN THE PAST SEVERAL MONTHS IN ANSWERING SPECIAL TECHNICAL QUESTIONS, PROVIDING TRAINING MATERIAL, ETC..

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ANNEX B. ENGINEERING & OPERATIONS (CONT'D):

9. CONTRACT TECHNICIANS

- A. ENGINEERS WERE ADVISED THAT USOM HAS RE-OPENED NEGOTIATIONS FOR TECHNICIAN CONTRACT AND THAT EARLY SIGNING IS ANTICIPATED. THERE IS NO INDICATION AS TO WHEN TECHNICIANS WILL BE MADE AVAILABLE, BUT A 1 APRIL DATE IS ESTIMATED.
- B. ENGINEERS HAVE BEEN ADVISED THAT QUOTED COST OF THE TECHNICIAN CONTRACT HAS INCREASED APPROXIMATELY 22%. SUCH AN INCREASE WOULD REDUCE FUNDS AVAILABLE FROM THE APPROVED TOTAL FOR EMERGENCY OVERTIME. THERE WOULD BE NO FUNDS AVAILABLE FOR THE INCREASE OF TWO TECHNICIANS (TEN MAN-MONTHS) WHICH WAS RECOMMENDED IN NOVEMBER UNLESS ADDITIONAL FUNDS ARE APPROVED FOR THE PROJECT COMPONENT.

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ANNEX B. ENGINEERING & OPERATIONS (CONT'D):

10. DOLLAR COST SUMMARY

<u>COMPONENT</u>	<u>APPROVED</u>	<u>SUB-OBLIGATION</u>	<u>SPENT</u>	<u>DESCRIPTION</u>
	<u>OR</u>		<u>TO-DATE</u>	
	<u>ALLOCATED</u>			
VIENTIANE	₭ 365,000	PI0/C 80136	₭271,130	ALL IMPORTED
TELEPHONE		₭ 300,000		COMMODITIES -
		PI0/T 80159	-	APPENDIX I.
		₭ 40,000		TECHNICIAN
				CONTRACT
ENGINEERING	₭ 328,361	PI0/T 80110	₭297,600	DETAIL IN
		₭ 328,361		ANNEX A.
SUSPENDED	₭2,563,639			
COMPONENT				
AND ADDED				
ENGINEERING				
COST				
	<u>₭3,257,000</u>	<u>₭ 668,361</u>	<u>₭568,730</u>	

APPENDIX I

TELEVISION ASSOCIATES OF INDIANA, INC.
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APPENDIX I TO ANNEX B

VIENTIANE TELEPHONE OUTSIDE PLANT
 STATUS OF PROCUREMENT-PI0/C 80136

TOTAL PI0/C \$300,000.

90.4% ORDERED

1.4% OF ORDERS DELIVERED

31 JANUARY 1962

No.	DATE	VENDOR	COST*	No. OF ITEMS	SHIPPING FINAL DATE	FROM	SHIPMENT			DELIVERY VIENTIANE	
							ARRIVAL BANGKOK DATE	No. OF ITEMS	SHIP- PED	DATE**	No. OF ITEMS
20934	29 JUNE 61	AUTOMATIC ELECTRIC	\$ 18,834.08	181	20/11/61	USA	E6/1/62	181	(4)		
20981	20 JULY 61	" "	\$ 47,018.08	185	20/11/61	USA	E6/1/62	180	(4)		
							E12/1/62	2 0	(1)		
20993	22 JULY 61	" "	\$ 52,664.25	11	20/11/61	USA	E6/1/62	6	(4)		
							E12/1/62	5	(1)		
20994	22 JULY 61	INTER. STD. ELECTRIC	\$ 96,540.03	15	20/2/THRU 26/6/62	ENG.					
21003	24 JULY 61	J.S. OPPENHEIMER	\$ 4,238.29	27	31/12/61	USA	E27/2/62	27	(3)		
21033	3 AUG. 61	INTER. STD. ELECTRIC	\$ 1,749.80	25	15/12/61	USA	26/1/62	25	(2)		
21039	3 AUG. 61	" " "	\$ 2,852.62	28	25/2/62	USA					
58-TA/L	13 SEPT. 61	PRAJAYONTRA Co.	\$ 6,795.00	4	1/12/61	GER.	A15/1/62	4			
61-TA/L	30 OCT. 61	THE SERVICE GARAGE, LTD.	\$ 5,139.29	2	27/11/61	SING.				18 JAN. 62	2 \$5,139.29
21756	20 DEC. 61	INTER. STD. ELECTRIC	\$ 2,241.70	28	26/1/62	USA					
21363	6 DEC. 61	AUTOMATIC ELECTRIC	\$ 364.50	1	3/1/62	USA					
62-TA/L	26 DEC. 62	ANGLO-THAI CORP.	\$ 215.00	2	23/1/62	BKK					
1030	19 JAN. 62	INTER. STD. ELECTRIC	\$ 3,964.49	32	10/5/62	USA					
1031	19 JAN. 62	AUTOMATIC ELECTRIC	\$ 1,316.71	15	1/6/62	USA					
TOTAL ORDERED			\$243,933.84								
AGENTS 5% COMMISSION			12,196.69								
RESERVED FOR FREIGHT - BANGKOK - VIENTIANE			15,000.00								
TOTAL AMOUNT COMMITTED			\$271,130.53								TOTAL DELIVERED \$5,139.29

SHIP NOTES:

- (1) PRES. MCKINLEY
- (2) PRES. JEFFERSON
- (3) STEEL ADVOCATE
- (4) STEEL ADMIRAL

Ø APPROXIMATELY \$ 6,500.00 ON BACK ORDER.

* LETTER OF CREDIT OR FINAL COST
 ** E = ETA; A = ARRIVED
 *** w/o FREIGHT - BANGKOK-VIENTIANE

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ANNEX C. PERSONNEL:

1.

	<u>PREVIOUS</u>	<u>PRESENT</u>
	<u>PERMANENT</u>	<u>TEMPORARY</u>
TOTAL U.S. STAFF REQUIREMENT	6	3
ON STATION*	3	3
IN PROCESS OR SCHEDULE	0	0
OPEN - UNFILLED	3	3

NOTE: * INCLUDES ONE TELEPHONE ENGINEER ASSIGNED TO THE BANGKOK OFFICE BUT COVERING THE LAOS WORK WITH TDY IN LAOS AS REQUIRED.

2.

	<u>LOCAL</u>	<u>U. S.</u>
MANAGEMENT	0	1
ENGINEERING	3	1
ADMINISTRATION	<u>9</u>	<u>1</u>
	12	3

3.

THE CIVIL ENGINEER, A THIRD COUNTRY NATIONAL, WAS MEDICALLY EVACUATED TO BANGKOK ON 31 JANUARY FOR EMERGENCY EXAMINATION BEYOND THE CAPABILITIES OF THE LOCAL HOSPITALS.