### 5. Proposal of Soft Component

#### 1. Background

If this project is implemented, it will eliminate the intrusion of rainwater by 70% into the Vat Phou site and contribute to the preservation of the stone structures after restoration, opening the way to restoration activities in earnest. The restoration plans at government level on the Laos side, however, are only general and do not constitute concrete plans. There are restoration plans formulated by French experts which are more concrete, but they are based on the premise of direction by foreign experts and are not detailed enough for the people of Laos to be able to start actual restoration work by their own efforts. There is also the serious problem of the lack of engineers in Laos with experience in restoration of stone structures. This project, therefore, avoids the donation of restoration equipment in a full scale and concentrates on measuring and recording equipment required at the stage prior to restoration. Measuring and recording of the stone structures, however, presuppose plans for restoration. Only when details of the restoration work are clarified can the type and form of data to be recorded, structure, etc. be decided. Detailed restoration procedures, including measuring and recording prior to restoration, therefore require to be studied urgently by the technical support of Japanese consultants in accordance with the soft component scheme.

France, Italy and UNESCO have carried out various surveys in the past, but at present have no plans for a detailed restoration plan. To ensure effective use of the measuring and recording equipment to be donated in this project, measuring and recording techniques and techniques for studying restoration procedures must be transferred to Laos.

Also the technology for designing the display of artefacts in the exhibition room and actual display activities before handing over of the repository must be transferred to Laos because there are no experts for exhibition of cultural artefacts in the Department of Museums and Archaeology, MIC.

### 2. Purposes

- 1) To enable the measuring of stone structures and the processing and recording of data by staff of the Vat Phou Management Office
- 2) To enable the moving and transportation of stones by staff of the Vat Phou Management Office
- 3) To complete the first stage plan of the restoration to create the conditions in which restoration work can start as soon as restoration equipment is obtained
- 4) To enable the formulation of the second stage of the restoration process by Lao side according to the methodology acquired through joint work in soft component scheme.
- 5) The display of the main artefacts will be finished before it is handed over, and opening of the exhibition room to the general public would be possible if the Lao side continues to do additional works like production of explanatory panels.

### 3. Activities

### 3.1 Details of Activities

All activities shall be performed by staff of Vat Phou Management Office together with staff dispatched from MIC under the instruction of Japanese consultant. They consist of followings.

### 1) Selection of Stone structures to be restored

There are many stone structures in Vat Phou site. It is necessary to give the priority of restoration to the stone structures because it is impossible to measure all of them. The priority should be set up not

on the significance of the structure but on the possibility of restoration by the effort of Laotian people. Especially on the early stage of technical training of restoration, the priority should be given to scattered stones because they are frequently hoisted up and down and transported for training. Taking this situation into consideration stone structures will be placed in the order of measuring.

### 2) Study of database structure

The database which can be acquired as the result of measuring stone structures needs to be useful for restoration activities. Therefore, it should be studied what kind of database structure is most convenient for utilization.

#### 3) Study of method for surveying and recording

How to measure and record the data practically by using survey equipment has to be studied.

### 4) Survey/input/data processing/recording/output

Staff of Vat Phou Management Office shall carry out measuring of stone structures, input the data into the computer, output many kinds of drawings, save the data and extract the necessary data whenever they want. With regard to measuring instruments like total station, level and mirror, data processing equipment like a desktop computer, software for calculation and mapping, and peripherals like a plotter, the way of using is trained.

Apart from this, at the beginning of the activity the staff will learn primitive measuring techniques by using tape measures, plummets, fishing lines, staves and a theodolite.

### 5) Study of dismantling method

One of stone structures is selected and how to dismantle it piece by piece is studied.

### 6) Study of reinforcement of structures in danger of collapse

The way of supporting the structures in danger of collapse by using steel scaffolding and wood material is studied.

#### 7) Moving of stones (by chain block, truck loaded with crane)

The way of transporting stones by chain block and how to drive the crane on the truck should be mastered. Since running some risks is unavoidable in this kind of work, training for safety is indispensable.

### 8) Formulation of stage 1 restoration activities plan

The above-mentioned activities shall be arranged and made up into stage 1 restoration activities plan.

### 9) Display planning of artifacts and exhibiting

The way of selection and layout of artifacts to be exhibited, arrangement of tables and partitions will be trained, and activities for exhibition will be actually instructed after completion of exhibition room in the repository.

The result and acquisition obtained through these activities are as follows:

NO	Activities	Result/Acquisition			
1.	Selection of stone structures to be restored	Selection method of stone structures to be			
		restored			
2.	Study of database structure	Format of database			
3.	Study of method for surveying and recording	Technology of surveying and recording			
4.	Survey /input/data processing/recording /output	Integrated technology of surveying, data			
		processing and recording			
5.	Study of dismantling method	Method of dismantling			
6.	Study of reinforcement of structures in danger of	Method of reinforcement			
	collapse				
7.	Moving of stones ( by Chain block, Truck loaded	Utilization of equipment			
	with crane )				
8.	Formulation of stage 1 restoration activity plan	Formulation way of restoration plan			
9.	Display planning of artifacts and exhibiting	Completion of main display			

### 3.2 Trainee for Technical Training

### (1) Planning of Restoration Procedure and Measuring/Recording

The technology for Planning of Restoration Procedure and Measuring/Recording will be transferred to the staff of Vat Phou Management Office and even to the members from MIC and PDIC who would participate the training.

### (2) Display planning of artifacts and exhibiting

An ad hoc committee for Vat Phou exhibition, which consist of members selected from MIC, PDIC and Vat Phou Management Office, will make the plan of exhibition of artifacts and display them actually on the tables in the exhibition room. Therefore, the technical training for display planning of artifacts and exhibiting will be transferred to the members of the committee.

### 3.3 Programme of Training

Training will be conducted by three Japanese consultants. The period of the training is as follows.

Planning of Restoration Procedure

. 6	
Beginning of January 2003 ~ Middle of March 2003	2.5 months
Measuring and Recording	
Beginning of January 2003 ~ Middle of March 2003	2.5 months
Display of Artefacts	
Middle of February 2002 ~ Middle of March 2002	1.0 month
Middle of February 2003 ~ Middle of March 2003	1.0 month

Total 7.0 months

The detail of training programme is as follows.

### (1) Planning of Restoration Procedure

There are 8-step trainings for this planning of restoration procedure and during early 3 steps shown below all of the participants are trained together by two Japanese consultants. The training is carried out by field work and lectures on the basis of the technology utilized in restoration activities of Angkor Wat, and it is performed at Vat Phou temple site and in the UNESCO house.

Selection of stone structures to be restored

Study of database structure

Study of method for surveying and recording

After the above 3 steps the training proceeds to the step of survey /input/data processing/recording /output. At this step the training of primitive method of measuring by using plummets and fishing lines as well as the latest one by using a total station is carried out. Then, judging from the characteristics of the members, they will be divided into two groups.

Group 1 (Measuring) moves to the step of data processing and recording and gets the training of using computers and peripheral equipment. This group proceeds to the training of output of drawings and if they have enough time to go back to measuring on the way, they try to accumulate basic data of stone structures. The Japanese consultant for measuring and reporting will be responsible for instruction. The output of this training will be data list and drawings. Moreover, every trainee has to prepare his own technical manual, describing how to use the computer and peripherals.

Group 2 (Restoration) proceeds to the fifth step of dismantling method after surveying at the site and, after the training for reinforcement of structures in danger of collapse and moving of stones (by Chain block, Truck loaded with crane), compiles a series of training into a way of restoration. The training will be conducted by a Japanese consultant responsible.

### (2) Display planning of artifacts and exhibiting

Training for exhibition of artifacts consists of two kinds of activities, formulation of display plan and actual exhibiting. After the guidance for formulation of display plan is carried out by a Japanese consultant in February 2002, the trainees shall formulate a detailed design of display and produce necessary exhibits like panels, photographs, pictures, explanations and name plates, etc. The Japanese consultant will visit the site one year later in February 2003 and instruct Laotian exhibiting action. The training will carried out on the base of experience of display techniques in Japan, and the number of booths and area for exhibits will be calculated taking into consideration the number of artifacts to be displayed and division of cultural eras. Then the way of exhibition will be decided on the data of shapes of artifacts and weights, etc. The training will be conducted at the site of Vat Phou and so-called UNESCO house and final display will be instructed in the new exhibition room of unfinished repository building

The techniques to exhibit unstable artifacts will be also transfer to Laotian side.

### 3.4 Outputs

The outputs obtained due to soft component activities are as follows

1) Formulation of stage 1 restoration activity plan

The manual will be prepared, describing the way of restoration of stone structures to be restored.

2) Data of coordinates and drawings of stone structures

Coordinates and drawings are obtained after stone structures are surveyed.

3) Exhibition of artifacts is almost completed and exhibition room will be opened temporarily to the public.

The main artifacts are displayed and the exhibition at a minimum will be completed.

### 4. The way of service procurement

The training is conducted by Japanese consultants. Personnel expenses and other necessary expenditure for trainees shall be borne by Laos Government.

#### 5. Schedule

(1) Formulation of restoration plan and recording and saving of coordinates data

This training will be carried out at the site for 2.5 months before completion of construction of drainage system and repository.

(2) Display planning of artifacts and exhibiting

The training for display plan formulation will be carried out during the period of Detail Design for 1.0 month from the middle of February 2002 and the training for actual exhibiting will be done for 1.0 month from the middle of February 2003.

### Formulation of restoration plan

N O	Activities	2002				2003		
		Feb.	March	Apr.	Dec.	Jan.	Feb.	March
	Selection of stone structures to be restored					=		
	Study of database structure					_		
	Study of method for surveying and recording					=		
	Survey /input /data processing /recording /output						•	
	Study of dismantling method							
	Study of reinforcement of structures in danger of collapse							
	Moving of stones by Chain block, Truck loaded with crane							_
	Formulation of stage 1 restoration activity plan							
	Display planning of artifacts and exhibition	•	•				•	•

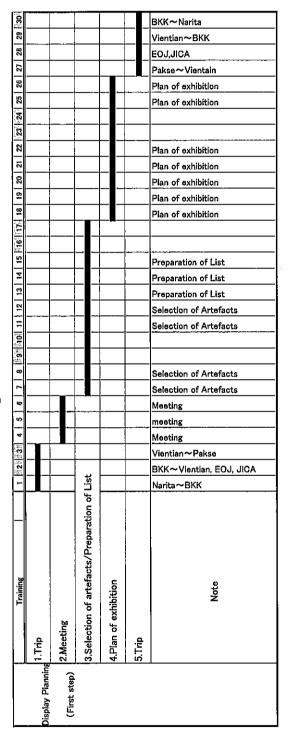
Surveying and recording

• Artefact display

BKK~Narita Vientlan~BKK EQJ,JICA Pakse~Vientain Training Schedule Meeting meeting Meeting Site survey Site surevy Vientian∼Pakse BKK~Vientian, EOJ, JICA Narita~BKK 6.Survey/Data process/record/output 5.Metod for seconding & recording 8.Reinforcement of structures 4.Study of database structure 10.Formulation of stage 1 plan Selection of stone structure 2 Site Survey & Meeting 7.Dismantling metod 9.Moving of stones Note 1. Trip Restoration Plan

BKK~Narita Vientian~BKK EOJ,JIOA Pakse~Vientain Meeting meeting Meeting Site survey Site surevy Vientian~Pakse BKK~Vientian, EOJ. JICA Narita~8KK 6.Survey/Data process/record/output. 5.Metod for seconding & recarding 4.Study of database structure 3,selection of stone structure 2 Site Survey & Meeting Note 1. Trip Survey/ Record

Training Schedule 2



BKK~Narita 29 Vientian~BKK 28 EOJ,JICA 27 Pakse∼Vientain 25 26 Crane truck & pickup 24 23 22 21 Crane truck & pickup 20 18 | 19 | Chain block 17 Crane truck & pickup 16 14 15 Crane truck & pickup 13 6 7 8 9 3 10 11 12 Crane truck & pickup Crane truck & pickup Study of moving stones Study of moving stones Final check of plan Vientian∼Pakse BKK~Vientian, EOJ, JICA Narita~BKK 2.Meeting(Final confirmation of display plan) 4.Transportation of artefacts 5.Final arrangement of lauout 3.Study for moving of stones Note 5.Trip (Second step)

# Project Design Matrix of Soft Component for The Project of Preparation for Conservation of Vat Phou Archaeological Site

of Soft Component for The Project of Preparation for Conservation of Vat Phou Archaeological Site							
Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions				
Overall Goal  First stage of restoration is carried out.  Second stage plan of restoration is formulated.  Layout of exhibition is reviewed according to artifacts collected newly at the site.	<ul> <li>The number or volume of restored stone structures</li> <li>Output: Restoration activity plan for second</li> <li>Layout</li> </ul>	<ul> <li>Site survey and photographing</li> <li>Photographin g</li> </ul>	<ul> <li>Policy for conservation of cultural heritage is not changed in Lao PDR.</li> <li>Necessary equipment are procured.</li> <li>Some members of Ad Hoc Committee remains in their position.</li> </ul>				
Project purpose  Surveying, data processing and data recording can be conducted by staff themselves from Vat Phou Management Office.  Panels for explanation of artifacts can be produced.	<ul> <li>Speed of survey activities</li> <li>Capability of data processing by computer</li> <li>Capability of moving stones</li> <li>Opening of exhibition room in repository building</li> </ul>	<ul> <li>On-site verification and examination</li> <li>Number of visitors</li> </ul>	<ul> <li>No changes in the staff</li> <li>Maintenance of equipment is carried out regularly.</li> <li>Temporary staff can be employed.</li> <li>Necessary budget can be secured.</li> </ul>				
Output  • A guidline for restoration is formulated.  • Database of stone structures to be surveyed are constructed.  • Main artifacts are exhibited.	Output: Restoration activity plan for first stage     Output: Basic Database      Exhibition	<ul> <li>Verification of output</li> <li>Verification of output</li> <li>Inspection and photographing</li> </ul>	<ul> <li>Participation of staff who want to continue restoration activity for a long time.</li> <li>Ad hoc Committee acts vigorously.</li> </ul>				
Activities Joint Work  1. Selection of stone structures to be restored  2. Study of database structure  3. Study of method for surveying and recording  4. Survey /input /data processing /recording /output  5. Study of dismantling method  6. Study of reinforcement of structures in danger of collapse  7. Moving of stones (by Chain block, Truck loaded with crane)  8. Formulation of stage 1 restoration activity plan  9. Display planning of artifacts	Inputs Japanese Side 1. Japanese Government dispatch a responsible for restoration plant 2. Japanese Government dispatch a responsible for surveying, data recording for 2.5 months. 3. Japanese Government dispatch a responsible for display of artirespectively during the period construction of facilities.  Laos Side 1. MIC dispatches a supervisor instruction to the site. 2. PDIC dispatches an engineer participate joint work. 3. MIC secures the budget necessity.	Japanese consultant processing and data  Japanese consultant processing and data  Japanese consultant facts for 1.0 month of detail design and  and engineers for to the site who will	Pre-conditions  Lao PDR, MIC and Champasak Province want to restore early Vat Phou Cultural Heritage.  MIC nominates or employs engineers for surveying, data processing and data recording and assigns to Vat Phou Management Office.  MIC nominates or employs engineers for restoration and assigns to Vat Phou Management Office.  MIC nominates or employs engineers for restoration and assigns to Vat Phou Management Office.  MIC sets up Ad Hoc Committee for display of artifacts.				

6.	Ot	her Relevant Data	Page
	(1)	Project for Preservation and Restorartion	
		of Vat Phou Cultural Heritage	A-31
	(2)	Program of co-operation with JICA Project	
		for Preservation and Restoration of Vat Phou Monuments	A-37
	(3)	Document for Budget Request	A-42
	(4)	Thematic Exhibition Plan for Vat Phou Site Repository	A-54
	(5)	14 families' move agreement	A-56
	(6)	Compensation of paddy field	A-58

### (1) Project for Preservation and Restoration of Vat Phou Cultural Heritage

### Phase I (2002-2004)

#### I. General.

The Champassak Heritage Management Plan was officially approved by Lao Government in September 1998. In order to contribute implementing this plan, the Department of Museums and Archaeology (DMA) is preparing a Conservation and Restoration Plan for the stone monuments in Vat Phou religious complex. This pilot project would generate all the activities for the cultural, educational and also socioeconomic sustainable for the Champassak Province.

### II. Aims.

The major aim is to carry out gradual preservation and restoration works in Vat Phou monuments complex, preventing them from the further collapse and damage. Secondly is to establish the capacity building for the local staff. With the help of both national and foreign experts in practice of such skills, the Lao staff will benefit from these experiences, and get the opportunity to improve his ability to conduct the works by himself in the future. Vat Phou is one of the most important cultural heritage sites in Laos, so it would prepare the basic facilities in order to receive visitors and to enter into partnership with the neighbouring countries.

### III. Definition of monuments to be restored and restoration method.

The First Phase will be recommended to begin from the most suitable buildings as case study. P. Pichard has prioritised as starting point three spots as followed (cf. attached plan): point 1 and 2, the facing porches and foreparts of the main gallery of quadrangle north and south; and point 3, the south-east corner of the north quadrangle. The reason of defining these three spots is according to the actual capacity of many aspects e.g. budget, manpower, equipment ect. The condition of these places is generally fair, all the stones from these two foreparts and porches are still there, scattered around the base as they fell from the upper parts. Therefore the restoration work does not require sophisticated technology and study. This workshop will deserve as pilot project and after its completion it will contribute to the restoration of the remaining monuments in the whole Champassak Heritage Area.

The method for restoration will be reconstruction and partial anastylosis. These reconstructions will bring back the original monumental appearance to the axial esplanade and allow an easy access into the quadrangles to the visitors.

### IV. Outlines of activities

 Before starting any actions, the records of present state of these two buildings must be undertaken, in particularly the technical drawings of the main galleries by using both, photogrametry technique and also by manual. The detailed photo and video record must be covered. Such work requires measuring, levelling, drawing and visual equipment, even though the metallic scaffolding and telescopic ladders. 2. Archaeological excavations must be carried out in the area ajacent to quadrangle buildings before this area is used by restoration work. In some places it is requested to check the foundation of the buildings. To facilitate the workshop during the execution of the project, a Site Supervision Office should be set up on the site.

All the data collected have to be recorded and stored into the computer system. Some necessary equipment for archaeological research and survey is needed, e.g. four wheel drive pick-up; photocopy machine, computers, drawing table, level, electronic recorder for Theodolite TOPCON DT-103, measuring and drawing materials, photo and video equipment...)

3. Some endangered locations need to be supported with the system of metallic scaffolding before dismantling.

- 4. Every stone block has to be numbered and inventoried. Dismantling work requires specific equipment e.g. mobile crane, with at least a 15 m-boom and approximately 2-3 t lifting capacity; tractor on wheels with handling device and trailer; dump truck for transportation of construction materials (gravel, sand...), chain block and tool kit for lifting up stones.
- 5. All broken blocks or architectural elements need to be repaired with help of stainless steel tube and epoxy glue. Those sandstone or laterite blocks in poor condition that can not be repaired, they have to be replaced with new ones of the same material. The specific equipment e.g. air compressor, pneumatic hammers and small tools (hammers, chisels, pliers...) will be necessary for this activity.
- 6. Some parts of the sub-base of the porches were slightly declined inward. Prior to dismantling these places need to be studied and strengthened with the concrete or appropriate material. The geotextile or appropriate materials will be use for isolation of the structure from the concrete salt. For preparation of concrete need to have concrete mixer, concrete vibrators, electric pump, water containers, whellbarows, shovels, pickaxes, buckets are needed.
- 7. In the north quadrangle, the condition of the south-east corner will be necessary to dismantle the pediment and reinforce the wall. Foundations in this place do not show any sign of weakness.
- 8. In the mean time the remaining parts of these two quadrangles will be controlled the vegetation and general maintenance.

### V. Manpower.

The staff of Vat Phou monuments Office (VMO) composed of 15 personnel including 1 director, 2 vice-directors, 1 architect, 1 secretary, 2 ticket sellers, 3 watchmen and 5 site keepers. Among this number 5 are contractors. To operate this conservation and restoration plan, the DMA will dispatch a professional team of 5 persons (archaeologist, engineer, architect, historian and draftsman). In 2002 the VMO expects to recruit 10 more members of different posts (architects, archaeologist, conservator, curator, drivers).

Schedule for restoration: PHASE - I (2002-2004)

			,		,							
Activities 2002	January	February	March	April	May	unf	July	August	September	October	November	December
Setting of Site Supervision Office			"						,			
Construction of the Heavy												
machine's garage												
Preparing scaffoldings				<u>L</u>								
Record of present state (NQ+SQ)												
Archaeological excavations (SQ)												
Support endangered parts (NQ+SQ)												
Training on IT												
		·					ı		1			
Activities 2003	January	February	March	April	May	Jun	July	August	September	October	November	December
Archaeological excavations (NQ)												-
Numbering, dismantling (SQ)												
Repairing												
Reinforcement of sub-base and												
drainage installation – porches								<b>}</b>				
Rebuilding (SQ)		İ										
Training on stone repairing,												
using crane and lifting technique												
Educational program												
Supply of new replacing blocks				0.000000								
		ľ	ı				í	Γ.				
Activities 2004	January	February	March	April	May	Jun	July	August	September	October	November	December
Numbering, dismantling (NQ)												
Restitution Reassembling												
Repairing												
Reinforced sub-base and												
drainage installation - porches												• ]
NQ	53055500	32 (4.83 FE)	150 MARS	BASSES A								
Dismantling SE corner of NQ					<b>ESSESS</b>	185700	100 X CB					
Rebuilding Porche & SE corner	;											
(NQ) Educational program				60 SS800		Karas	ALE SALES					
	388							\$95033¢	2500000			
Evaluation and Report												

NQ = north quadrangle (main gallery), SQ = south quadrangle (main gallery), SE = south-east

### VI. Educational program.

There are two high-schools and one primary school which have been inscribed in the cultural heritage courses, one is near to the Vat Phou site and another one in Champassak city. More than one thousand boy-schools have opportunity to learn about the significance and pride of their birthplace. They have participated in guided tour to Vat Phou site and various archaeological excavations in the area. Sometime there is cultural exchange program with Luang Prabang world heritage city. Their contribution for keeping the site clean to mark some special occasions of the year became one of the community activities.

During preparation campaign of the Champassak Heritage Management Plan UNESCO has been introduce the Heritage Awareness Throughout Community Outreach (HATCH) in the villages surrounding Vat Phou area. This activity should be followed up by different variety of presentations e.g. through the multimedia presentation or video documentary which would be attractive to the people. It is important to have more regular meetings with the heads of the village and villagers in order to communicate the notions about how and why to preserve our own past, to inform people about what is the law, acts or regulations said.

Apart of the indoor program, the most wide public festivity in Champassak Province is Vat Phou festival, which is took place between 17-22 February every year. The educative display in harmony with an audio-visual presentation will promote the cultural understanding and sensibilise cultural awareness to the people. The educative equipments e.g. vehicle, video projector, laptop computer, scanner, digital camera and video camera are of necessity not only for this aim but also for training and research purposes.

### VII. Training program.

Some of Lao professional staff have been involved in restoring of Luang Prabang Museum Building (Former Royal Palace) with the assistance of Swedish Government, restoration of Longkhoun and That Luang Temple in Luang Prabang. The conservation and restoration of brick and wooden materials, which however quite different from the Vat Phou case, but from this experience of practical skill it will help as a basic for the future stone work.

Some have been attended to the study tour in south-east Asia and other countries which share the same kind of monuments. Training on stone monument conservation and the restoration will be organised at the site with foreign expert as trainer.

To secure the successful implementation of the First Phase Plan, 2 or 3 foreign experts for the stone monuments are requested. A foreign consultant for transferring of technology and use of equipment is expected to base on the site for whole implementing year. And the remained foreign experts are required to joint the project at least 2 or 3 months a year. The Lao professional staff from DMA will alternatively

stay on the site between 8 to 10 month a year. The training for the national staff is considered as a decisive activity.

VIII.	Budget allocation for restoration works (based on us \$).							
	1.	Setting up of the Site Supervision Office	1.000					
	2.	small materials, supplementary equipment	5.000					
	3.	expenses for study						
		- photo processing, toner, accessories	700					
		- data analysis, experiment	500					
	4.	digging workers 20 x 45 days x 3 \$	2.700					
	5.	masons 4 x 30 x 4 \$	480					
	6.	general workers 10 x 300 x 3 \$	9.000					
		<u>Sub-total</u> :	19.780					

### IX. Personnel allocation for restoration work (yearly/based on us \$)

Transport (Air fare, and short distance moving)	500
Communication & administration	1.200
Daily Support Allowance:	
1 Archaeologist and team leader 12 m x 500 \$	6.000
1 Engineer 8 m x 500 \$	4.000
1 Architect 8 m x 500 \$	4.000
1 Curator 3 m x 500 \$	1.500
1 Historian 3 m x 500 \$	1.500
Photogrametry: approximately	3.000
Report	1.000
	Communication & administration Daily Support Allowance:  1 Archaeologist and team leader 12 m x 500 \$  1 Engineer 8 m x 500 \$  1 Architect 8 m x 500 \$  1 Curator 3 m x 500 \$  1 Historian 3 m x 500 \$  Photogrametry: approximately

<u>Sub-total</u>: 22.700

Grand total: 42.480

Note: this budget plan does not include the expenses for construction of repository, operation and maintenance of heavy equipment (fuel, repairing, drivers...) and personel expenditures of the provincial staff. These matters are included in the Main Vat Phou Budget Plan which is prepared separately by the Provincial Department of Information and Culture.

Prepared by: Viengkeo Souksavatdy,

Director of Archaeological Research Division,

Champassak, 10 July 2001.

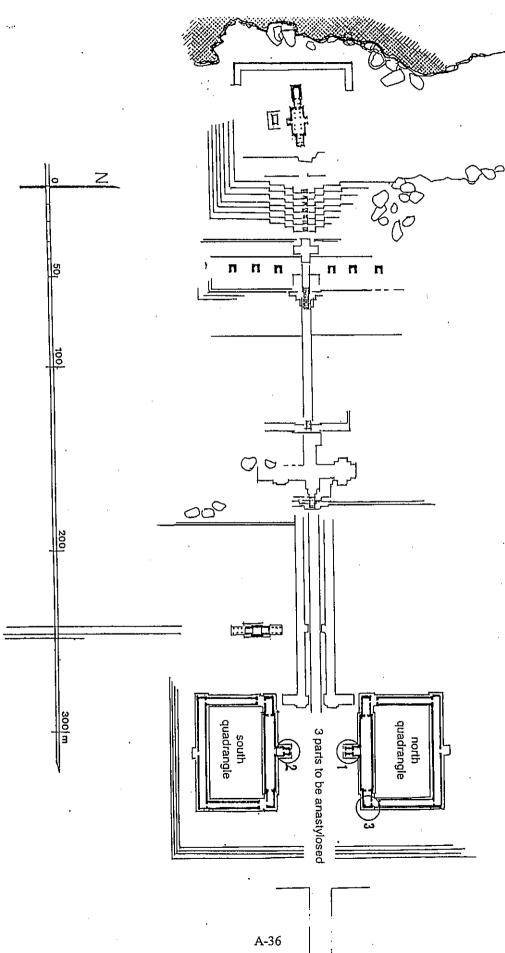
Endorsed by: Thongsa SAYAVONGKHAMDY

Director General

Department of Museums and Archaeology

Vientiane, 13 July 2001

A-35



# Lao People Democratic Replublic Peace Independence Democracy Unity Prosperity

# (2) Program of co-operation with JICA Project for Preservation and Restoration of Vat Phou Monuments

- Refer to the Cultural Grant Aid Program of the Japanese Government in term of Project for Preservation and Restoration of Vat Phou Project.
- Refer to the discussions in the Meetings between JICA Study Team and Provincial Authorities on 14 Jun and 9 July 2001.
- Refer to the Field Survey and Project Design made by JICA Study Team in co-ordination with the Lao Team, from 7 Jun to 12 July 2001 at Vat Phou site.

To ensure the maximal effective implementation of the Project for Preservation and Restoration of Vat Phou Heritage under the auspices of Lao-Japan Co-operation Program, the Local and concerning Authorities are agreed with the Basic Design made by Study Team in following aspects:

- 1. Construction of Rainwater drainage system (135 m length) on the Phou Nak mountain behind Main sanctuary and in the Spring Area, to stop the erosion from the rain water.
- 2. Construction of Archaeological Repository on the South-east side of Vat Phou Complex, in front of Festival Plaza.
- 3. Procurement of the equipment for Preservation and Restoration of monuments (so the detail of Restoration Plan will submit by the Department of Museums and Archaeology, Ministry of Information and Culture.

### The Lao side will take responsibility on the following activities:

- 1. Maintenance and protection of the rainwater drainage system after completion of the construction.
  - The section of site preservation under Vat Phou Monument Office has direct responsibility in controlling, cleaning and even promptly repairing in the case of damage. The cleaning of the drain will be conducted at least twice a month during the rainy season and once a month during the dry season.
- 2. The land-use improvement in Vat Phou monument area.
  Based on the resolution of the Champassack Provincial Authority in accordance with the Champassack District and Nongsa village Authorities on the meeting in 16 Jun 2001 at Vat Phou, in order to secure the effective implementation of this land-use improvement plan, so we define the outline of the activity as follows:
  - Filling the soil in the new relocation quarter: will start in November 2001 and will be finished at the end of December 2001.
  - Moving people to the new relocation quarter: to be finished at the end of March.
  - Take off the surface soil, refilling and compacting the land 100 x 100 m for the construction of archaeological repository: will be started in January 2002 and will be ended in March 2002.
  - Improvement of the edge of the North baray, construction of water gates and filling the soil in the remaining terrain: to be finished in April 2002.
  - Road construction along the new fence line: to be finished at the end of Jun 2002.
  - Installation of electricity network for the new relocation quarter, archaeological and heavy equipment repositories: to be finished in January 2002.
  - Water supply with electric pumps (3 spots for villagers and 1 spot for archaeological repository): to be finished in February 2002.

- 3. Operational and Maintenance Plan for the Archaeological Repository.

  The section of Repository and Monuments of the Vat Phou Monuments Office (VMO) will be the operational unit for the Archaeological Repository.
  - The first deputy director of VMO has the direct responsibility for management of archaeological artefacts and monument buildings. This section consists of 4 people. Its duty is to collect and register all the risky pieces and new findings in the repository. Study and conduct the research on the story of every object. Organise the display for the public with admission fees, in order to generate income for maintenance of the repository building. This section will employ 2 more staff member for security and cleaning of repository building.
- Construction of Heavy Equipment Repository Plan.
   To provide the facility of keeping the heavy machines supplied by the Japanese
   Government in secured place, the Lao side will construct a 5 x 24 m car repository with a

Government in secured place, the Lao side will construct a 5 x 24 m car repository with a small store room. This building will be fenced and expected to be near the Vat Phou Water Tower. This car repository is under the responsibility of the Administration

Section. To operate these machines, 4 contractor's drivers will be recruited.

5. Personnel and organisation:

VMO will consist of 30 staff members. At the moment is operated with 15 members, in the coming year is requested to be recruited 15 more members. VMO consists has one director and two deputy directors. It is divided into 5 sections:

- 1. Section of Repository and Monument (5 members)
- 2. Section of Preservation (8 members)
- 3. Section of Education (4 members)
- 4. Section of Restoration (8 members)
- 5. Section of Administration (5 members)

To ensure the effective implementation of the co-operation project with JICA, a joint additional team from the Ministry of Information and Culture and Champassack Provincial Department of Information and Culture will be established. This team plays the operational role in close co-ordination with NIMCC.

This plan will be implemented in the fiscal year 2001-2002.

City of Champassack, 11 July 2001.

Signed by:

Mayor of Champassack Bounhiang Souksamlane <u>Deputy Director of VMO</u> *Oudomsy Keosaksit* 

President of the Lao Front for National Edification (Champassack Province Committee) President of Provincial Heritage Committee Deputy Director of PDIC

Sisamout Namkenthao

Siphanh Phoutsadi

# สาตาละบะลัก ปะอาทีปะโท ปะอาจึบลาอ ສັນຕົ້ພາບ ເອກະລາດ ປະອາທົປະໂท เອกะผาบ ວັດທະນາຖາວອນ

ແຜນການຮ່ວມນີ້ກັບອົງການໃຈກາ ( ຍີ່ຢຸ່ນ ) ໃນໂຄງການປົກປັກຮັກສຳ ແລະ ບຸລະນະ ສະຖານບູຮານ ວັດພູ

- ອີງໃສ່ແຜນການຊ່ອຍເຫລືອ ຂອງອົງການໃຈກາ ແຫ່ງປະເທດຍີ່ປຸ່ນ ໃນໂຄງການປົກປັກຮັກສາ ແລະ ພູລະນະ ສະຖານບູຣານວັດພູ ຈຳປາສັກ.

- ອີງໃສກອງປະຊຸນປົກສາຫາລື ເລື້ອງແຜນການຮວມນີ້ຢູ່ຫ້ອງການປົກຄອງແຂວງຈຳປາສັກ, ຄັ້ງ ວັນທີ່ 14/06/2001 ແລະ ກອງປະຊຸນຄັ້ງວັນທີ່ 09/07/2001 ຢູ່ທີ່ຫ້ອງການ ປະທານຄະນະກຳນະການ ປົກປັກຮັກສາມໍລະດີກຂັ້ນແຂວງ.

- อีกใส่ภาบสีกสาอัญบ และ ออกแบบโดกกาม ออกตะมะตั้มกานอีกกามใจกา ธอมกับอี้จากจบ ฝ่ายลาอ แก่อันติ 07/06-12/07/2001 เพื่อธอมกับจักตั๊กปะตั้ยัด โดกกามยึกยักสา และ บุละมะสะบามบุธาน อักญ ในสิทชิ 2001-2002.

ເພື່ອເຮັດໃຫວຽກງານການຮວນນີ້ ລະຫວາງລັດກະບານລາວ ແລະ ອົງການໃຈກາ ແຫງປະເທດຍີ່ປຸ່ນ ໃນໂຄງການປົກປັກຮັກສາ ແລະ ບູລະນະສະຖານບູຮານວັດພູຈຳປາສັກ, ໄດ້ຮັບການຈັດຕັ້ງປະຕິບັດ ຢາງ ນີປະຊົດທີ່ຫຼິ້ນສຸງ, ຟາຍອຳນາດການປົກຄອງຫລຸງຖິ້ນ ແລະ ພາກສວນທີ່ກຽວຂອງ ນີຄວານເປັນເອກະພາບ ເຫັນພອນໃນຫນາວຽກ ທີ່ຟາຍຍີ່ປຸ່ນ ຈະໃຫ້ການຊວຍເຫລືອຊື້.

1./ ກໍ່ສ້າງຄອງລະບາຍນ້ຳ ຢູ່ເທື່ວພູ ເທື່ງວັດພູ. ຄວາມຍາວ 135 ແມັດ ແລະ ສ້າງທໍ່ລະບາຍນ**້ຳຢູ່ເທື**່ງກຳ ແພງ ຕໍ່ໜຸ້ນກຸນ<sup>ກົ</sup>ໜຮຽງ ເພື່ອປ້ອງກັນບໍ່ໃຫ້ມີການເຊາະເຈື່ອນ ຂອງນ**້ຳຟົນຢູ**ບໍລິເວນພັກເທື່ງຂອງວັດພູ.

2./ ສ້າງຄັງສາງ ແລະ ຫ້ອງວາງສະແດງໃສ່ຈຸດດາ້ນຫນ້າຍອງເດີ້ນສະຫນານ ວັດຟູ ກໍ້າໃຕ້ ( ເບື້ອງຊາຍ ທາງອື່ນອັດຟູ ).

3./ ການຊວຍເຫລືອຊຸປະກອນເຕັກນັ້ນທີ່ຈຳເປັນຮັບໂຊເອົ້າໃນການບູລະນະສະຖານບູຮານ ( ແຜນການບູລະ ນະລະອຽດຈະກຳນົດອອກ ໂດຍກົນພື້ທົດທະພົນ ແລະ ວັດຖຸບູຮານ, ກະຊວງຖະແຫລງຂາວ-ວັດທະນະຫາ. ວຽກສົມທົບທີ່ເປັນຫນາທີ່ຄວາມຮັບຜູ້ດຊອບອອງຝາຍລາວ ຈະໄດ້ຈັດຕັ້ງປະຕິບັດດັ່ງນີ້:

1 • ແຜນຄຸນຄອງປົກປັກຮັກສາຄອງລະບາບນໍ້າ ພາບຫລັງສຳເລັດການກໍ່ສາງ •

ຫນວຍງານປົກປົກຮັກສາສະຖານບູຮານ ( ) ຂອງຫອງການຄຸນຄອງ ປົກປັກຮັກສາວັດໝູ່ ມີຫນາທີ່ຮັບຜົດຊອບໂດຍກົງ: ກວດກາ, ອະນາໄມ, ແລະ ຖາມີການສຳລຸດ ຈະໄດ ສອນແປງ ຢາງທັນການ. ການກວດກາອະນາໄນ ຈະດຳເນີນໄປ 2 ຄັ້ງຕໍ່ ຫນຶ່ງເດືອນ ໃນໄລຍະລະດູ ພົນ ແລະ 1 ຄັ້ງ ຕໍ່ 1 ເດືອນ ໃນຊ່ວງລະດູແລງ. ຖາເຫັນວາເປັນວຽກເລັງດວນ ຫລື ວຽກທີ່ຈະໃຊ ແຮງງານຫລາຍ ຈະລະດົນເອົາຊາວບານເຂົ້າຊ່ວຍ. ເພື່ອເຮັດໃຫການເຂົ້າຮວນຂອງຊາວບານ ໄດຫວງ ຫັນກັບຄວາມຕອງການ ນາຍບານໆຫນອງສະ ຈະຮັບເຂົ້າເປັນສາມະຊົກຂອງວຽກງານປົກປັກຮັກສາສະ ຖານບູຮານວັດພູ.

2. แผบจักสัม และ ปับปุวผิ้นที่กับสะกามบุธามวักผู

ເພື່ອເຮັດໃຫ້ແຜນການຈັດສັນ ແລະ ປັບປຸງພື້ນທີ່ດົນສະຖານບູຣານ ໄດ້ຮັບການຈັດຕັ້ງປະຕິບັດຢ່າງ ນີປະສິດທີ່ຜົນ ບິນຈິດໃຈຄວາມເປັນເອກະພາບອອງອຳນາດການປົກຄອງແຂວງ, ເມືອງ ແລະ ປະຊາຊົນ ບານຫນອງສະ ທີ່ຕິກລົງກັນໃນກອງປະຊຸມຄັ້ງວັນທີ 16/06/2001 ທີ່ສະລາວັດພູ ຈິ່ງກຳນົດຫນຼ້າວຽກ และ แผนทานจักตัวปะตับกักกับนี้:

- \* ซึมกุ้มของปะจุาจิ๋มจะปุกธธิอนไซม ธลืมธกิจม 11/2001 สำเล็กตายเกิดมต่ำ 2/2001.
- \* ยายปะอาจินออกสุรุกภานิกใต้เพน ใต้แล้วในตายเกือนตี้ 03/2002.
- \* ຖົ່ມຄົ້ນຢູ່ຮູບແຫນ້າພັນທີ່ທີ່ຈະປຸກສ້າງຄັ້ງສາງ ແລະ ຫ້ອງອາງສະແດງ 100 × 100 ແມັດ ເລີ້ນຕົ້ນເດືອນ ທີ່ 01/2002 ຄາດຫມາຍສຳເລັດໃນເດືອນທີ່ 03/2002.
- \* ขึบปฏาตูแอว ที่สารปะสุนก์ ถึมเดิม ส่วนเพลือที่วิทมิกใหสำเล็กในเดือนที่ 04/2002.
- \* ก็สาวใช้สิ้นทาวออมเดิม ใหญลอสาเล็กในทายเกือนที่ 06/2002.
- \* ສ້າງຕະຄາຍໄຟແຮງຕຳ ລົງໃສ່ງຸດບອນຕັ້ງເຮືອນໄຫນຂອງປະຊາຊົນ, ຄັງສາງ ແລະ ບອນເກັບຮັກສາຊ ປະກອນເຕັກນັກຮັບໃຊ້ການສ່ອນແປງໃຫແລວໃນເດືອນທີ່ 01/2002.
- \* ຊຸດຜຈາະນະບາດຈນ ໃຫ້ປະຊາຊົນຈຳນວນ 3 ບອນ ແລະ ໃສ່ຈຸດສ້າງຄັ້ງສ່າງ 1 ບອນ ພອມຕົ້ດຕັ້ງໂປນ ໄຟຟ້າໃຫ້ແລ້ວໃນເດືອນທີ່ 02/2002.
- 3. <u>ແຜນການຄຸນຄອງປົກປັກຮັກສາ ແລະ ເຄື່ອນໄຫວຂອງຄັງສາງ ແລະ ຫອງວາງສະແດງ</u>. ຄັງສາງ ແລະ ຫອງວາງສະແດງ ແມນຫນ້າຄວາມຮັບຜິດຊອບອອງຫນວຍງານ ຄັງສາງ ແລະ ສະຖານ ບູຮານ ອື່ນກັບຫອງການອຳນວຍການຄູນຄອງປົກປັກຮັກສາ ສະຖານບູຮານວິດພູ.
  - ຮອງຫົວຫນາອຳນວຍການເຫຼີ າ ມີຫນາທີ່ເປັນຫົວຫນາຄົງສາງ ແລະ ສະຖານບູຮານ ແລະ ປະກອບມີພະ ນັກງານ 4 ຄົນ ເຮັດຫນາຫວນໂຮມ, ຂຶ້ນທະບຽນບັນຊີວັດຖຸບູຮານທີ່ນີ້ຢູ່ໃນດັງສາງ ແລະ ສະສົນທອນໂຮນ ເຂົ້າມາໄຫນ. ຄົນຄວາ, ສຶກສາ ແລະ ເກັບກຳອໍ້ນຸນຕ່າງໆ ໃຫ້ລະອຽດຊີດເຈນ, ຈັດຕັ້ງວາງສະແດງ ແລະ ໂຄສະນາເນື້ອໃນ ໃຫ້ທູ່ເຂົ້າຈົນ, ຂາຍບັດເຂົ້າຈົນ ຫອງວາງສະແດງ ແລະ ສະຖານບູຮານເກັບກຳ ລາຍຮັບ ຖອກເຂົ້າການເງິນຂອງບໍລິຫານປາງເປັນປະຈຳ. ຫມວບງານມີຈະໄດ້ປະກອບສັນບາຈາງເຂົ້າຕື່ນ ຈຳນວນ 2 ຄົນ ເຮັດຫນ້າທີ່ອະນາໄນ ແລະ ເຝົ້າບານ ຄັງສາງ ແລະ ຫອງວາງສະແດງ.
  - 4. ແຜນການປູກສາງ ບອນເກັບຮັກສາຊຸປະກອນເຕັກນັກ.
    ເພື່ອຮັບປະກັນໃຫແກການຄຸນຄອງ ແລະ ນຳໃຊອຸປະກອນຮັບໃຊການສ່ອນແປງ ຟາຍລາວຮັບຜົດຊອບກໍ່ ສາງບອນເກັບນຽນຮັກສາ ແລະ ປະກອບບາງເງື່ອນໄຂ ໃນການນຳໃຊ້:
- ปุกสาว เรื่องทาลาลึก อะพบคถ 24×5 หมือ ที่ถผืบที่ยุท้องสาว เพื่องมีอะพบคถุมอย 1 พ่อง จำ บอบ 1 พัลง ใส่จุดให้ที่งูมใช้ขาดามอองจักผู พ่อมทั่งที่สาวธ็อยอม.
- ປະກອນພະນັກງານຂັບລິດເຂົ້າໃນສັນຍາຈາງໂຄງການ ຈຳນວນ 4 ຄົນ. ການຄຸ້ນຄອງປົກປັກຮັກສາ ນອບໃຫ້ເປັນຫນ້າທີ່ຂອງຫຼຸນວຍງານບໍລິຫານຮັບໃຊ້ຫອງການ.
- 5. <u>ດານຈຳນວນຟົນ ແລະ ໂຄງປະກອບການຈັດຕັ້ງມີດັ່ງນີ້</u>: ກອງອຳນວຍການພື້ນີ້ດຫະພັນສະຖານວັດພູ ຈຳປາສັກ ປະກອບຈຳນວນພົນ 30 ຄົນ, ມີແລ້ວ 15 ຄົນ ສະ ເຫນືຮັບເອົ້າໄຫມ 15 ຄົນ. ໃນນີ້ມີອຳນວຍການ ແລະ ຄະນະ 3 ຄົນ ປະກອບນີ້ 5 ຫນ່ວຍໆານ :
- າ. ຫນວຍງານດັ່ງສາງ, ຫລງວາງສະແດງ ແລະ ສະຖານປູຮານ 5 ຄົນ.
- 2. ຫນວຍງານຄຸນຄອງປົກປັກຮັກສາ ສະຖານບູຣານ 8 ຄົນ.
- ຫນວຍໆໆນໂຄສະນາ, ສົກສາ ແລະ ປະຊາສຳພັນ 4 ຄົນ.
- 4. ຫນວຍງານບູລະນະສ່ວນແປງ ສະຖານບູຣານ ວັດຖຸບູຣານ 8 ຄົນ.
- 5. ຫນວຍໆານບໍລິຫານຫລງການ 5 ຄົນ. ເພື່ອຮັບປະກັນ ໃຫ້ແກການຈັດຕັ້ງວຽກງານ ໃນໂຄງການຮວມມືກັບລັດຖະບານຍີ່ປຸ່ນ ( ອົງການໃຈກາ )

ใช้มีปะสิกติพีมกิรัม จะไก้ปะทอบตะมะอับผึกขอบโดกทานธอมทับฝายจรองจาม จำนอมหนึ่วโกย ເອົາມາຈາກກະຈວງຖະແຫລງອາວ-ວັດຫະນະທຳ, ພະແນກຖະແຫລງອາວ-ວັດທະນະທຳແອວງຈຳປາສັກ เร็กพบาที่อี้อุกทาบ ผละ ปะสามวามโกยที่วใตที่ยโลวทาบ ใต้ทาบอุ๋มา ออาดะบะทาบะทาบ ปะสามาามแบบอุกก เพื่อโดบทามปีทปีทธิ์ทสาอักมู จำปาสัท.

ແຜນການຈັດຕັ້ງປະຕິບັດນີ້ ຈະໄດ້ເລີ່ມລົງນີ້ຕົວຈຶ່ງໃນສຶກປີ 2001-2002.

เมื่อๆจำปาสัภ₁ อันที่ 11 / 07 / 2001

เจ้าเมื่<u>อวๆ</u> จำปาสัก



ບຸນຮຽງ **ສຸກສຳລາ**ນ

**ໃ**ສະ**ໝຸ** ໝາມແກ່ນທ້າວ

ชีวิขมาละมะอำมวยภาบนี้ผึกขะนั้น

สะทาบอักผู จำปาสัก

ปะทางแบอลาอสากจากแออกูจำปาสัก

( ປະທານ<u>ຄະນະກ</u>ຳນະການ ປົກປັກຮັກສາ

ມໍລະດົກ ຮັນແຂວງ )

້ ຫົວຫນາພະແນກຖະແຫລງອາວ-ວັດຫະນະຫຳ ແຂວງຈຳປາສັກ

ສູກຸກ ທ່ຽນສະ 🖯

ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນາຖາວອນ -----=)000(==-----

<u>ແຂວງຈຳປາສັກ</u> ພະແນກຖະແຫລງຂ່າວ-ວັດທະນະທຳ

> ໂຄງການປັບປຸງບູລະນະ ສະຖານບູຮານວັດພູຈຳປາສັກ ( ບ້ວງທຶນລັດຖະບານ ສ.ປ.ປ.ລາວ 2001-2002 ) ໍ

# ສາທາລະນະລັດ ປະຊາທິປະ ໂຕ ປະຊາຊົນລາວ ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນາຖາວອນ

ແຂວງ ຈຳປາສັກ.

<u>ໂຄງການປັບປຸງບຸລະນະສະຖານບູຣານວັດພ</u>

ພະແນກຖະແຫລງ່ຂາວ-<u>ວັດທະນະ</u>ທຳ.

ເລກີທ*.ວີ.ວົ.ວ*່/ຖວຂ.ຈສ

1. <u>ຊີ່ໂຄງການ</u>: ໂຄງການປັບປຸງບູລະນະສະຖານບູຮານວັດພູຈຳປາສັກ.

- ໃນບ້ວງທຶນສົມທຶບ ຂອງ ລັດຖະບານ ສປປ ລາວ ຮ່ວມກັບການຊ່ວຍເຫຼືອ ຂອງ ລັດຖະບານຍີ່ປຸ່ນ ( ໃຈກາ ).

ທີ່ຕັ້ງໂຄງການ: ສະຖານບູຮານວັດພູ ຈຳປາສັກ.

3. ເ<u>ຈົ້າຂອງໂຄງການ:</u> ພະແນກຖະແຫລງຂ່າວ-ວັດຫະນະທຳແຂວງຈຳປາສັກ.

4. <u>ໂລຍະຂອງໂຄງການ:</u> 2001*-*2002.

ຈຸດປະສິງຂອງໂຄງການ:

- ເພື່ອກຳນົດ ແລະ ຈັດສັນ ເນື້ອທີ່ດິນຖາວອນ ຂອງ ສະຖານບູຮານວັດພູຈຳປາສັກ ແລະ ຄຸ້ມຄອງປົກປັກຮັກ ສາຕາມລະບຽບຫຼັກການ ຂອງ ການຄຸ້ມຄອງສະຖານບູຮານລະດັບຊາດ ຂອງ ສປປ ລາວ.

- ເພື່ອສ້າງພື້ນຖານເງື່ອນໄຂ ທາງດ້ານເຕັກນິກໃຫ້ກັບການປົກປັກຮັກສາ ແລະ ບັບບຸງບູລະນະໃຫ້ກ່າວຂຶ້ນສູ່ຄຸນນະ

ພາບໃຫ່ມ.

### <u>6. ຄວາມເປັນມາຂອງໂຄງການ:</u>

ສະຖານບູຮານວັດພູຈຳປາສັກ ແມ່ນສະຖານບູຮານລະດັບຊາດແຫ່ງໜຶ່ງທີ່ມີຄວາມສຳຄັນທາງດ້ານປະຫວັດ ສາດ,ມີ ຄວາມໂດດເດັ່ນທາງດ້ານສີລະປະ ແລະ ສະຖາປັດຕະຍະກຳ ແລະ ເປັນທທີ່ເຄົາລົບນັບຖືຂອງປະຊາຊົນ ລາວທົ່ວທັງປະເທດ.ລັດຖະບານ ສປປ ລາວ ໄດ້ມີຄວາມເອົາໃຈໃສ່ເປັນພິເສດ ໃນການຄຸ້ມຄອງອະນຸລັກປົກປັກຮັກ ສາຢ່າງຕໍ່ເນື່ອງຕະຫຼອດມາ,ປີ 1987 ໄດ້ຂົນຂວາຍແຫຼ່ງທຶນ ພາຍໃນ ແລະ ສາກົນ ເພື່ອມາບູລະນະປົກປັກຮັກສາ,ປີ 1988 ໄດ້ສ້າງຕັ້ງໜ່ວຍງານປະຈຳການກັບທີ່ ແລະ ໄດ້ຮັບການຊ່ວຍເຫຼືອດ້ານທຶນຮອນຈາກອົງການ U N D P ດຳ ເນີນໂຄງການປົກປັກຮັກສາ ກຳນົດ 2 ປີ,ປີ 1990 ໄດ້ຮ່ວມມືກັບຝຣັ່ງ ດຳເນີນໂຄງການສຳຫຼວດຄົ້ນຄວ້າຫາງດ້ານ ບູຮານຄະດີ,ປີ 1997 ໄດ້ຮັບທຶນຈາກມຸນນິທິ ຂອງ ປະເທດຍີ່ປຸ່ນ ຮ່ວມກັບອົງການ UNESCO ສືບຕໍ່ດຳເນີນໂຄງການ ປົກປັກຮັກສາ ແລະ ກໍ່ສ້າງແຜນຄຸ້ມຄອງປົກປັກຮັກສາ ແລະ ສ້າງແຜນສະເໜີຂໍເຂົ້າເປັນມໍລະດີກຂອງໂລກ,ເຊີ່ງ ປັດຈຸບັນກຳລັງຍື່ນສະເໜີຕໍ່ອົງການ UNESCO ເພື່ອຄົ້ນຄວ້າຮັບຮອງເອົາ. ໃນແຜນການຕໍ່ໜ້າ ສິກປີ 2001-2002,ສະໜອງຕອບການສະເໜີ ຂອງ ລັດຖະບານ ສປປ ລາວເຮົາ,ລັດຖະບານຍີ່ປຸ່ນ(ອົງການໃຈກາ) ຈະໄດ້ໃຫ້ການ ຊ່ວຍເຫຼືອລ້າເຂົ້າໃນວຽກງານກໍ່ສ້າງລະບົບກັນການເຊາະເຈື່ອນ ຂອງ ນ້ຳຝົນຢູ່ເທີງຜູ ເທີງວັດພູ,ສະໜອງອຸປະກອນ ເຕັກນິກໃນການຮັບໃຊ້ ການບູລະນະສ້ອນແປງ ແລະ ຊ່ວຍກໍ່ສ້າງຄັງສາງວັດຖຸບູຮານ ແລະ ປຸກສ້າງຫ້ອງວາງສະ ແດງຢູ່ສະຖານບູຣານວັດພູຈຳປາສັກ

ໃນການຈັດຕັ້ງປະຕິບັດໂຄງການຮ່ວນ ຝ່າຍລາວ ຈະຕ້ອງໄດ້ອອກທຶນສິມທົບ20%ເທົ່າກັບ 4.000.000.000.ກີບ(ສີ່ ໍ້ຕື່ກີບ)ເພື່ອໃຊ້ຈ່າຍເຂົ້າໃນວຽກທີ່ຝ່າຍລາວຮັບຜິດຊອບ:

- 1. ວຽກສ້ອມແປງສະຖານບູຮານ.
- 2. ວຽກປຸກສ້າງບ່ອນເກັບຮັກສາ ອຸປະກອນເຕັກນິກ ຮັບໃຊ້ການສ້ອນແປງ.
- 3. ວຽກປັບປຸງຈັດສັນເນື້ອທີ່ດິນສະຖານບູຮານວັດພູ.
- 4. ວຽກອື່ນໆ.

### 7<u>. ວຽກລະອຽດແຕ່ລະ</u>ຕ້ານ:

## 7.1. <u>ສ້ອນແປງສະຖານບູຮານ.</u>

ພາຍຫຼັງໄດ້ຮັບອຸປະກອນເຕັກນິກຮັບໃຊ້ໃນການສ້ອມແປໆ ຈາກລັດຖະບານຍີ່ປຸ່ນແລ້ວ ຝ່າຍລາວຈະ ຕ້ອງ ໄດ້ ດຳເນີນການສ້ອມແປງໃນຈຸດທີ່ຈຳເບັນ ຄື ຈຸດທາງເຂົ້າໂຮງຊາວ ຫັງ 2 ຫຼັງ ແລະ ຈຸດແຈຕາເວັນອອກສ່ຽງ ເໜືອຂອງຫ້ອງໂຖງໂຮງຊາວຫຼັງເໜືອ.

ການດຳເນີນການສ້ອນແປງນີ້ຈະເປັນວຽກຝຶກອົບຮົບພາກສະໜາມດ້ານການສ້ອນແປງໃຫ້ກັບວິຊາການ ຝ່າຍລາວ ເພື່ອເປັນບົດຮຽນໃນການສ້ອນແປງຈຸດອື່ນໆຕໍ່ໄປ ລະອຽດເບິ່ງແຜນທີ 1.

7.2. <u>ປຸກສ້າງບ່ອນເກັບຮັກສາອຸປະກອນເຕັກນິກຮັບໃຊ້ການສ້ອມແປງ.</u>

ເພື່ອເປັນບ່ອນເກັບຮັກສາອຸປະກອນເຕັກນິກ ແມ່ນໜ້າທີ່ຝ່າຍລາວຈະຕ້ອງໄດ້ປຸກສ້າງສິ່ງຮອງຮັບໃນການ ເກັບຮັກສາ.ເຮືອນກາລາລົດຂະໜາດ 24 χ 5 ແມັດ. ຕິດພັນກັບສາງຮັກສາເຄື່ອງມືຂະໜາດນ້ອຍລະອຽດແຜນ 2. 7.3. <u>ວຽກປັບປຸງຈັດສັນເນື້ອທີ່ດິນສະຖາ</u>ນບຮານວັດພ.

ເພື່ອເຮັດໃຫ້ເນື້ອທີ່ດິນສະຖານບູຮານວັດພູ ໄດ້ຖືກກຳນົດຢ່າງລະອຽດ ແລະ ຖາວອນ ບັນດາໜ້າວຽກຕ່າງໆ ຕ້ອງໄດ້ຈັດຕັ້ງປະຕິບັດດັ່ງນີ້:

- 1. ກຳນົດຂອບເຂດທິດໄຕ້ ຖືເອົາເສັ້ນທາງດິນແດງທີ່ສ້າງຂຶ້ນໃນປີ 1999-2000 ແລະ ສ້າງຕື່ນຕໍ່ລົງທາງເບື້ອງ ຕາເວັນອອກຮອດຈຸດແຈກຳນົດທາງເບື້ອງຕາເວັນອອກສ່ຽງໄຕ້.ກຳນົດຂອບເຂດທິດຕາເວັນອອກຫ່າງຈາກຄູ ໜອງສາອອກໄປເບື້ອງຕາເວັນອອກ 100 ແມັດ,ເນັ່ງຊື່ລົງທິດໄຕ້ຈອດໃສ່ເສັ້ນຊື່ ຂອງ ດ້ານໄຕ້ ແລະ ເນັ່ງຊື່ຂຶ້ນທິດ ເໜືອ ກາຍເສັ້ນຊື່ຂອງຄູໜອງເໜືອເບື້ອງທິດເໜືອອອກໄປ 5 ແມັດ,ທິດເໜືອ ຫ່າງອອກຈາກຄູໜອງ 100 ແມັດ(ປະຕິບັດໃນອະນາຄົດ) ປັດຈຸບັນກຳນົດວາງຮົ້ວຫ່າງອອກຈາກຄູໜອງພຽງ 5 ແມັດ ກ່ອນ.
  - 2.ກໍ່ສ້າງເສັ້ນທາງອັອມເດີ່ນແລະຖິ້ມດິນຢຽບແໜ້ນບ່ອນຈະປຸກສ້າງຄັງສາງແລະເດີ່ນ ພື້ນທີ່ກຳນົດເປັນເຂດຖາວອນ.
  - 3. ຍົກຍ້າຍຄອບຄົວປະຊາຊົນ ຈຳນວນ 56 ຄອບຄົວ ທີ່ນອນຢູ່ໃນຜື້ນທີ່ດິນສະຖານບູຮານອອກໄປສູ່ຈຸດໃຫ່ມ.
- 4. ຢຸດເຊົາການເຮັດນາ ຂອງ ປະຊາຊົນທີ່ນອນຢູ່ໃນພື້ນທີ່ດິນສະຖານບູຣານຢ່າງຊີ້ນເຊີງ,ຊີດເຊີຍຫຼືຊອກເນື້ອທີ່ ໃຫ່ມປ່ຽນແທນ ຈຳນວນ 14,85 ເຮັກຕາ.
  - 5.ຈັດຫາ ແລະ ປັບປຸງພື້ນທີ່ ທີ່ກຳນົດໃຫ້ປະຊາຊົນປຸກສ້າງເຮືອນໃໝ່.
  - 6. 2ุดเจาะน้ำบาดาม ใช้เถอบถ็อชี่เถียมีน้ำบาดาม.
- 7. ສ້າງຕາຄ່າຍໄຟແຮງຕໍ່າ ເຂົ້າໃສ່ຈຸດກໍ່ສ້າງເຮືອນຄັງສາງ ແລະ ຫ້ອງວາງສະແດງ ແລະ ໃສ່ຈຸດບ່ອນຕັ້ງ ບ້ານເຮືອນໃໝ່ຂອງປະຊາຊົນ.
- 8. ສ້ອມແປງຍົກລະດັບຄູໜອງສາແລ້ງເບື້ອງຕາເວັນອອກ,ແປງຈຸດຄູຂາດ 3 ຈຸດຄືນໃໝ່ ແລະ ຍົກລະດັບຄູ ໜອງສາໃຫ່ຍເບື້ອງຕາເວັນອອກ,ກໍ່ສ້າງປະຕູນ້ຳໃສ່ທັງສອງໜອງ.
  - ກໍ່ສ້າງຮົ້ວຊື່ວຄາວອ້ອມພື້ນທີ່ດິນສະຖານບູຮານທີ່ກຳນົດໃຫ້ເປັນເຂດຖາວອນ.

### ປະກອບພະນັກງານເຂົ້າເພີ່ມ:

ເພື່ອຮັບປະກັນໃນການເຄື່ອນໄຫວວຽກຄັງສາງ ແລະ ຫ້ອງວາງສະແດງທີ່ຈະປຸກສ້າງຊື້ນໂດຍທຶນຊ່ວຍເຫຼືອ ຂອງ ລັດຖະບານຍີ່ປຸ່ນ.

- 4.1. ພະນັກງານວິຊາການ ຈຳນວນ 15 ຄົນ (ສັບຊ້ອນເຂົ້າຖາວອນ ) (ລະອຽດແຜນ 4 ).
- 4.2. ພະນັກງານຂັບລົດ 4 ຄົນ (ສັນຍາຈ້າງຮັບໃຊ້ໂຄງການ)(ລະອຽດນອນຢູ່ໃນແຜນ 1).

- 4.3. ການົດລາຄາເຂົາຊົນຄືນໃໝ່ ( ສະຖານບູຮານ ແລະ ຫ້ອງວາງສະແດງ ) ເພີ້ມຂື້ນ 1 ທົບ ເທົ່າກັບ 100% ຂອງລາ ຄາບີ້ເຂົ້າຊຸມວັດພູປັດຈຸບັນ
  - <u>ມູນຄ່າຂອງໂຄງການ:</u>

ມູນຄ່າລວມຂອງໂຄງການ 25.250.000.000.ກີບ (ຊາວຫ້າຕື້ສອງຮ້ອຍຫ້າສີບພັນລ້ານກີບຖ້ວນ ). ໃນນີ້: ທຶນພາຍໃນ = 4.000.000.000.ກີບ.

ທຶນຕ່າງປະເທດ =21.250.000.000 ກີບ.

ເທົ່າກັບ = 2.500.000. ດອນລາສະຫະລັດ.

### ຄາດຄະເນຜິນທີ່ຈະໄດ້ຮັບ:

- ຂອບເຂດພື້ນທີ່ດິນສະຖານບູຮານໄດ້ຖືກກຳນົດເປັນອັນຖາວອນທັງໄດ້ຮັບການປັບປຸງບູລະນະໃຫ້ເໝາະສົນ ແລະ ຮັບປະກັນໃນການຄຸ້ນຄອງປົກປັກຮັກສາ.
  - ສະຖານບູຮານໄດ້ຮັບການບູລະນະສ້ອນແປງໃຫ້ດີຂຶ້ນເທື່ອລະກ້າວ.
- ພະນັກງານວິຊາການຝ່າຍລາວ ໄດ້ຮັບການຝຶກງານຢ່າງນີປະສິດທິຜົນ.
- ວັດຖຸພື້ນຖານເຕັກນິກໄດ້ຮັບການກໍ່ສ້າງ ແລະ ປະກອບເຂົ້າຕາມຄວາມຈຳເປັນເບື້ອງຕົ້ນຢ່າງເໜາະສົມ.
- ນີຄັ້ງສາງທີ່ຮັບປະກັນ ແລະ ຮອງຮັບກັບວັດຖຸ ທີ່ຈະເພີ້ມເຂົ້າມາໃໝ່ໃນອະນາຄິດ.
- ນີບ່ອນວາງສະແດງວັດຖຸບູຮານໃຫ້ມວນຊີນໄດ້ເບີ່ງໄດ້ຊີນ ແລະ ເພີ້ມລາຍຮັບເຂົ້າຕື່ມຈຳນວນ 1 ເທົ່າ.
- ປະຊາຊົນຈຳນວນໜຶ່ງ ໄດ້ຮັບການຈັດສັນບ່ອນຢູ່ພັກເຊົາຄືນໃໝ່ຢ່າງເປັນລະບຽບຈົບງານ.
- ມີເສັ້ນທາງອຳນວຍຄວາມສະດວກໃຫ້ນວນຊີນທົ່ວໄປໄດ້ຊີນໃຊ້ ທັງໃນເວລາທຳນະດາ ແລະ ເວລາມີງານບຸນ ຂອງວັດພູ.



ສີປະເສີດ ແສນສະຫວັດ

ລ/ດ ——	00,19 <sup>6</sup> )11	จ/ม	ກຳນິດ	ລາຄາຫວໜ່ວຍ	
1.	ຄະນະວິຊາການຝ່າຍລາວ.	4 ຄົນ		% (et 10190119.ft	ລາຄາລວມ
1.1	<u>ຄະນະຮັບຜິດຊອບໂຄງການ</u>	1 ຄົນ	365 ວັນ	85.000	
1.2	<u>ພະນັກງານວິຊາການ</u>	3 ຄືນ	365 ວັນ	50,000	31.025.000 អិស
1.3	<u>ພະນັກງານຊ່ວຍວຽກໂຄງການ</u>	4 ຄົນ	365 ວັນ	28.000	54.750.000 fi
	( ຂັບລົດ )			28.000	40.880.000 អិរ
2.	<u>ກຳມະກອນຮັບໃຊ້ວຽກ</u>	50 ถิ่ม	   300 ວັນ	25.000	375,000,000 8
3.	<u>  บ้ามันเชื้อโฟ</u>			22.000	375.000.000 ਸੋਪ
3.1 3.2	<u>ກາຊ່ວນ</u>	50 ລິດ	365 ວັນ	3.000	   54.750.000 ภิบ
5.2 4.	<u>ລີ່ລິ້ນ</u>	100 ລິດ	4 ຄັ້ງ	10.000	4.000.000 ກີບ
5.	<u>ບຳລຸງ ແລະ ປົກປັກຮັກສາ</u>		รถิ้ม	1.000.000	5.000.000 ກີບ
ر. 5.1 ا	<u>ວັດສະດຸຮັບໃຊ້ການສ້ອມແປງ</u>				212000 110
6	<u>ກຽນຫີນ</u> ອ <u>ຸປະກອນຮັບໃຊ້ການສ້ອນແປງ</u>	່ 20 ນ		1.000.000	20.000.000 ກີບ
7.	<u>ວຽກວິຊາການ</u>				15.000.000 ກີບ
'.1.	<u>ສຳຫຼວດເອົາຂໍ້ມູນກ່ອນການບູລະ</u>				
	กร.	[			200.000.000 ກີບ
8.	<u>ວຽກບັງເອີນອື່</u> ນຶ່ງ	-			
	ລວນ				100.000.000 ກີບ
<del> l.,</del>				_	900.405.000 ກີບ

Plan 1: Budget Participation of the Lao Government for Monument Restoration (in Lao Kip)

No.	Activities	unit	amount	cost	total
1.	Personnel	4			
1.1	Co-Team leader	1	365	85.000	31.025.000
1.2	Experts	3	365	50.000	54.750.000
1.3	Drivers	4	365	28.000	40.880.000
2 3	Labors Fuel	50	300	25.000	375.000.000
3.1	Gas oil	50	365	3.000	54.750.000
3.2	Lubricants	100	4	10.000	4.000.000
4.	Maintenance and repairing		5	1.000.000	5.000.000
5.	Restoration materials New laterite & sandstone blocks	20		1.000.000	20.000.000
6.	Restoration equipment				15.000.000
7. 7.1	Scientific study Data record before restoration				200.000.000
8.	Miscellaneous				100.000.000
				Total:	900.405.000

# ແຜນ 2 ( ປຸກສ້າງບ່ອນເກັບຮັກສາອຸປະກອນເຕັກນິກ ) ບ້ວງທຶນສິນທິບ ຂອງ ລັດຖະບານລາວ

ລ/ດ 	ລາຍການ	ຈຳນວນ	ກຳນິດ		
1.	ວຽກກະກຽມດິນ.		194118	ລາຄາຫຍ່ອຍ	ລາຄາລວມ
2.	ຖິ້ນດິນຢຽບແໜ້ນ 30 ຊຸນ. <u>ວຽກປຸກສ້າງບ່ອນເກັບຮັກສາ.</u> ຂະໜາດ 24 <sub>X</sub> 5 ມ.	350 ນີ້ 1 ຫຼັງ		25.000 ກີບ	_3.500.000 fit 103.946.370 fit
2.1. 2.2.	ຄ່າແຮງງານການກໍ່ສ້າງ			15.952.000 ກີບ	
	ຄ່າວັດຖຸການຮັບໃຊ້ການກໍ່ ສ້າງ			72.513.000 ກີບ	
2.3.	ຄ່າບໍລິຫານ,ອອກແບບ ແລະ ອາກອນທຸລະກິດ ຂອງ ລັດ			15.481.000 ກີບ	
	ລວມ				
				·	107.446.370 ກີບ

Plan 2: Budget Participation of the Lao Government for construction of Heavy Equipment's Repository. (in Lao Kip)

No.	Activities	unit	amount	cost	total
1.	Land preparatory for	350		25.000	3.500.000
	construction of	m3			
	repository. Filling the				
	soil and soil compaction.				
2.	Construction of heavy	1			103.946.370
]	equipment's repository	buil			
	5 x 24 m	ding			
2.1	labors construction			15.952.000	
2.2	construction materials			72.513.000	
2.3	design, administration,			15.481.000	
				Total:	107.446.370

# ຊິດເຊີຍ, ຍິກຍ້າຍປະຊາຊົນ ແລະ ປັບປຸງເດີນ ແລະ ສ້ອມແປງຄູຫນອງ ( ບ້ວງທຶນສິມທິບຂອງລັດຖະບານລາວ )

ລ/ດ	ລາຍການ	ຫີວຫນ່ວຍ	ບໍລິມາດ	ลาซา	ເປັນເງິນ
1	<u>ໃຊ້ຈ່າຍຊີດເຊີຍ</u>				226,560,000
1	ເນື້ອທີ່ນາທີ່ຍິກເລິກ	<b>ෂ/</b> ෆ	15,5	12,000,000	186,000,000
2	ເນື້ອທີ່ນາທີ່ຈະຕັ້ງເນື້ອໃຫມ່	ෂ/ෆ	3,38	12,000,000	40,560,000
	<u>ຍິກຍ້າຍຄອບຄິວປະຊາຊົນ</u>				194,545,000
1	ຄອບຄົວປະເພດ 1	ຄ/ຄ	1	35,870,000	35,870,000
2	ຄອບຄົວປະເພດ 2	ଶ/ଶ	27	4,310,850	i
3	ຄອບຄົວປະເພດ 3	ଶ/ଶ	28	1,510,000	
[11]	ຖົມດິນປັບປຸງເດີ່ນ				1,837,959,00 <u>0</u>
1 1	ບຸກເບີກແລະຖືມດິນ	าว3	25,536	25,000	642,675,000
	ບ່ອນຈະຕັ້ງເຮືອນ ໃຫມ່				
2	ລອກຫນ້າດິນ,ຖິມ,ຢູງບ	<b>п</b> 3	16,703	25,000	419,025,000
	ແຫນ້ນບ່ອນປຸກສ້າງຄັ້ງສາງ	/			
	ແລະຫ້ອງວາງສະແດງ				
3	ລອກຫນ້າດິນ,ຖືມ,ຢັ່ງບ	ฑ3	22,682	25,000	572,850,000
	ແຫນ້ນເດີ່ນດ້ານເຫນືອ				
4	ສຳຫລວດ,ຄິດໄລ່,ອອກແບບ	ฑ3			203,409,000
IV	ສັອນແປງຄູຫນອງ				571,730,000
1	ຍົກລະດັບຖືມດິນຢຸງບແຫນ້ນ	ฑ3	20,050	25,000	501,250,000
2	ສ້າງປະຕູນາ້	ແຫ່ງ	2	35,240,000	70,480,000
V ,	ສ້າງງຕາຄ່າຍໄຟແຮງຕໍ່າ				126,720,000
1	ລົງໃສ່ຫ້ອງວາງສະແດງ	ມ	15	110,000	1,650,000
2	ລງໃສ່ກາລາລິດ	'n	17	110,000	1,870,000
3	ລົງງໃສ່ຈຸດຕັ້ງເຮືອນໃຫມ່	ມ	1,120	110,000	123,200,000
					2,957,514,000

Plan 3: Budget Participation of the Lao Government for Land Preparatory. (in Lao Kip)

No.	Activities	Unit	Amount	Cost	Total
<b>I</b>	Land compensation Compensation of the actual rice field	Hectare	15.5	12.000.000	<b>226.560.000</b> 186.000.000
2.	Supplied of new rice field	Hectare	3.38	12.000.000	40.560.000
II	Relocation of impacted families				194.545.000
1.	category 1	Family	1	35.870.000	35.870.000
2.	category 2	Family	27	4.310.850	116.393.000
3.	category 3	Family	28	1.510.000	42.280.000
III	Land preparatory				1.837.959.000
1.	Land preparatory at	$m^3$	25.536	25.000	642.675.000
	the new relocation site	3	16 700	0,7,000	440.005.000
2.	Take off surface soil, refilling and compacting the land for construction of	m <sup>3</sup>	16.703	25.000	419.025.000
3.	repository Take off surface soil, refilling and compacting the land opposite of repository	m <sup>3</sup>	22.682	25.000	572.850.000
4.	Studying, design, calculations				203.409.000
IV	Repairing the edge of north baray				571.730.000
1.	Rehaust the edge of the north baray	m <sup>3</sup>	20.050	25.000	501.250.000
2.	Water gates		2 .	35.240.000	70.480.000
$\mathbf{v}$	Electricity supply				126.720.000
1.	For repository		15	110.000	1.650.000
2.	For heavy equipment's		17	110.000	1.870.000
3.	repository For new relocation site		1.120	110.000	123.200.000
	•			Total	2.957.514.000

# ແຜນ 4 ປະກອບພະນັກງານສັງກັດລັດເຂົ້າຕື່ນ (ສະເໜີຮັບໃໝ່)

0.40	ເນື້ອໃນຫນ້າວຽກ			ະດັບການສຶກ	สา	
ລ/ດ		จ⁄บ	ຊັ້ນຕົ້ນ	ຊັ້ນກາງ	รักซ์อ	ฆมายเพด
1.	ປະກອບພະນັກງານເຂົ້າຕື່ມ	<u>15</u>				
1.1.	ພະນັກງານບັນຊີການເງິນ	1		1	]	
1.2.	ພະນັກງານພາສາອັງກິດ	2	}	•	2	
1.3.	ພະນັກງານຊ່ວຍຫ້ອງການ	1	}	1	2	
1.4.	ພ/ງປະຫວັດສາດ+ພູນສາດ	3		<u>,</u>	3	
1.5.	ພະນັກງານວິຈິດຕະກຳ	1	]	1	5	
1.6.	ພະນັກງານວິສະວະກອນ	1		^	1	
1.7.	ພະນັກງານເຄນີ+ຊີວະສາດ	1	j		1	
1.8.	ພ/ງກວດກາ-ປ້ອງກັນ-ອານາໄມ	3	3		1	
1.9.	ພະນັກງານຂາຍບັດເຂົ້າຊົນ	2	1	1		
	ລວນ	15	4	4	7	<u>.                                    </u>

ສະເຫນີຂໍອະນຸມັດເຂົ້າໃນສິກບີ 2001-2002.

Plan 4: the number of new staff to be employed in 2002.

No.	Position	Post	Education background		round	note
			Elementary	Highschool diplome	graduated	
1.	Accounting	1		1		
2.	Foreign language guide	2			2	
3.	Secretary, administration	1		1		
4.	Geography - history	3			3	
5.	Fine arts	1		1		
6.	engineer	1			1	
7.	Chemistry	1			1	
8.	Site keepers	3	3			
9	Ticket selling	2	1	1		
	Total:	15	4	4	7	

### (4) Thematic Exhibition Plan for Vat Phou Site Repository

- I. Introduction to the History of Preservation Project in Vat Phou
  - Champassack: Landscape, Geographic situation, Geology...
  - Records about Vat Phou: Drawings by French explorer in 1875; Chinese Hyan Tsang Records.
  - Cultural Heritage Policy of the Government
  - First Project: UNDP/LAO 1987
  - Second Project: UNESCO/LAO 1994
  - Third Project: Japan Heritage Grant Aid 2002

Objects to be displayed: information panels, photos, drawings, maps, ect...

II. History of Vat Phou and Champassack Area

### Pre-Angkorian Period

- Foundation of Devanika city (second half of Vth A.D.)
- The Ancient City of Vat Phou (Pre-Angkorian Capital)
- The importance of the city location (Lingaparvata, spring...)

<u>Objects to be displayed</u>: the oldest inscription in SE Asia (the famous Devanika stele), air photo, archaeological maps, archaeological excavations, information panels, drawings, ect...

### **Angkorian Period**

- Vat Phou Religious Complex
- Its surrounding
- Archaeology of Vat Phou

Objects to be displayed: plan of Vat Phou religious complex, history of construction, architectural pieces, construction materials (roof tiles, iron nails...), restitution of missing structure based on archaeological data, information and educative panels, photos of inscriptions and secondary temples scattered arround Vat Phou, drawings, maps, ect...

### Post-Angkorian Period (Lan Xang Period)

- The collection of Buddha from Ancient City and Vat Phou
- Champassack Kingdom 18th A.D.
- Champassack Today (preservation and development plan, tourism...)
- Vat Phou -World Heritage Candidate

<u>Objects to be displayed</u>: collection of Buddha unearthed by excavations (golden, silver, bronze...), information panels, photos,, drawings, maps, ect...

### III. Hinduism and its Art

- Hinduist Gods, deities, sacred animals...
- Hinduist Cosmology and symbol of moveable objects
- Hinduist Urban planning
- Lingaparvata A sacred mountain
- Spring sacred water

<u>Objects to be displayed</u>: statues of Shiva, Vishnu, Brahma, shiva linga, pedestal, Nandin cow, iconography in Vat Phou, carving scene, photos, drawings, maps, ect...

### IV. Buddhism – national religion

- Early buddhist settlement in Vat Phou (excavation at Nong Vienne)
- Buddhism dominant believe of the Lao People

- Vat Phou became Buddhist Temple (Mountain Temple)
- Vat Phou Festival

<u>Objects to be displayed</u>: photos of archaeological excavations of twin stupa at Nong Vienne moated site(circa 8th A.D), statue of Avalokiteshvara, Buddhist elements at Vat Phou, information panels, photos, drawings, maps, ect...

### Exhibition materials:

- Plexy-glass panels with text in lao and english, photos, maps, drawings...
- Artefacts (stone & bronze statues, inscriptions, architectural decorations, ceramics, rubbing & restitution...) collection of Vat Phou Monuments Office and archaeological finds from excavations.

### Exhibition needs:

- Supports for statues, lintels...(concrete and metallic) 30 units
- Showcases  $0.50 \times 1.50 \times 2.00 \text{ m}$  (with 5-9 mm glass or plexy-glass with aluminum frames) 4 sets
- Showcases 0.50 x 0.50 x 1.00 m (with 5-9 mm plexy-glass) 20 sets
- Plexy-glass panels  $5mm (120 \times 240 \text{ m}) 20 \text{ sheets}$
- Plexy-glass panels  $9mm (120 \times 240 \text{ m}) 20 \text{ sheets}$
- Illuminate panels (Photos on transparency with neon light)
- Spot lights 50 sets (non destructive rays)
- Silica gels 100 kg.
- Acid free paper.
- Acid free plastic boxes.
- Acid free foam.
- Epoxy glue (for fixing statues with the supports)
- Stainless steel tubes (for fixing statues with the supports)
- Electric drill (heavy duty) 1 set.
- Circular electric saw with fiberglass 1 set.
- Metallic shelve (for storing small objects) 5 units.
- Metallic shelve (maps, drawings, photos) 5 units
- Metallic shelve (for storing cassette tape, video tapes, films) 5 units
- Metallic book shelve (for storing small objects) 3 units
- Office Desk 10 sets
- Office Tables 10 sets
- Office chairs 10 sets
- Rolling pallet for moving heavy objects (inside store room use) 1 set.
- Velvets fabric 100 meters

## (5) 14 families' move agreements

The construction of a new road became indispensable in the ruins exhibitions and the ruins (Vat phu) maintenance. The private house move in the protection place is necessary for this work execution.

Moreover, this ruins maintenance will be executed by Japanese government (JICA) support.

In the first move, 14 families are objects. Moreover, a new move place was prepared in the champasak district.

Agreement was signed on October 30, 2001. Moreover, the move completion is March 31, 2002.

District governor in Champsak

Deputy governor

Mr. Sisavay AKAVONG

Signed family & name

- 1. Mr, Chanyom
- 2. Mr, Chansaveng
- 3. Mrs, Phang
- 4. Mr. Hoy
- 5. Mr, Sisai
- 6. Mr, Tan
- 7. Mrs, Pheing
- 8, Mr, Ku
- 9, Mr, Lanh
- 10, Mr, Phetvithong
- 11, Mr, Phanmonh
- 12, Mr, Soitain
- 13, Mr, Udom
- 14, Mr, Anonh

Translator

Mr. Bounlap

Cfief of cultural service (PDIC)

22 Nov 2001

# สายกละมะอีก ปะยุกติปะโท ปะยุกจิบลาว สัมพันคม ออกซอคก ปะอุกติปะไท ออกรยคม อีกตรมกาคออม

### cions ซากัก

บึกยันพิทยานเทล็วยึกยาย

and OOO state

cann 1/8/จม

# ยอกยูวออวกุรฝ่ายของงานออบสุรปากโอมทุฐบที

อิฐาามากหักสัมพื้นอาใสถินไขมใชมปะจาจินตอาใสนุในเอกเมื่อที่สะบามนูราบวักมู.

- จิวใสนสมัยพรมาสรรกมยุธามกักพู ในทาบสิมพิยโดวทานทับอิวทานใจทา ประสาชัยบุ้ม. ปะจาจินยามหมอาสะที่กัวเดือนยู่ในเอก Z จำนวม 14 คอยคือ ( จุกปุกสาวด็วสาว และ ของอาวสะยุกง ) อาวหางตั้วอีกมู กก็ใต มีลอามธอีมธอกระบบคะได้ยึกขายออก ไปสู่จุกไขนางมรูวิ่อมไขยอาจะมะทำมะทงมวีกสัมขอารมือาไกทำมีกใชยในใบสีวลอมทาม **เลื่องยายสอบถ้อออกจากเลก\_Z สะบับอิวอันต์ 3:20 เกือบ 10 ปี 2001.** ทานเดือนยายา ใชสดอดีนในอันที่. 31/83/80 Del......

กัวขึ้น จึงจะกับยันติกละเขียนี้เองนี้จะขึ้นตลักราน.

arunin, in 22/.12/2001

ga cauchan a airinin

าเมื่อรับเกราย ในเมาเหลือเมื่อ

ජීන්දැහා ල්ලව්ට) Sisonon aborreas ings

Unumuegate ดายอจับมุซึกยึกขายออกจาก

1./ ตาก จานอื่น ยมลุม 2./ ตาอ จันตะสตอปูจักรางแล 3./ uno aus 11 w) 4./ mo au (178 6790) 5./ ono Re 395 6./ ono hu Loug 7./ บาว มอง มา) 8./ ชาว ก ก ร./ ชาว ลาม ลาม ขาว เม็ก-อัชอา อีกอ/ 11./ ชาว ขับงายน พยน 18./ ชาว สิงสาม สโตโม 13./ ชาอ อุถิม ลูกะ 14./ ชาอ อามิว

### (6) Compensation of paddy field

### Agenda:

The paddy field(18,045,2m<sup>2</sup>) will be reclaim by the Vat phou development plan. Champsak district offers a substitution new land to two(2) families.

Object person name

- 1. Mrs, Thanomechit
- 2. Mrs, Nit Khamsoth

Registered domicile

Saphanthong thai village in Vientiane Lao.

Amends place: 15,000m<sup>2</sup> in the Pakse district.

This agreement was signed on November 8, 2001 in the Champsak district office.

Champsak district deputy governor.

Mr. Sisavay AKHAVONG

Land owners

- 1. Mrs, Thanomechit
- 2. Mrs,Nit Khamsoth

Translator

Mr. Bounlap

Som on

Cfief of cultural service (PDIC)

22 Nov 2001

# ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນາຖາວອນ

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# ູເຄກອດບູກ

ເພື່ອຕອບສະໜອງແຜນພັດທະນາເສດຖະກິດ-ສັງຄົມຂອງເມືອງຈຳປາສັກ ແລະ ເພື່ອປະກອບສ່ວນບູລະນະປົກປັກຮັກສາສະຖານບູຮານວັດພູຈຳປາສັກ ມໍລະດົກທາງດ້ານ ວັດທະນະທຳ ຂອງ ສ ປ ປ ລາວ ໃຫ້ຢືນຍິງຄົງຢູ່ຕະຫຼອດໄປ ທັງເປັນເງື່ອນໄຂໃຫ້ແກ່ການ ເຂົ້າເປັນມໍລະດົກຂອງໂລກ.

ຂ້າພະເຈົ້າ ທ່ານ/ນາງ...ຖະກະເອນເລີດ ແລະ ປະ ເລີດ ຄຳຂົດ ປະຈຸບັນຢູ່ບ້ານ ຂະພາບທອງໄດ້ ເມືອງ ສີຂັດ ຕະພາດ ແຂວງ ເກີແພງປະຊາຊານັ້ນ

ມີຄວາມຍືນດີມອບດີນນາທີ່ນອນຢູ່ຕາມແຄມທາງເຂົ້າສະຖານບູຮານວັດພູລະ ຫວ່າງຫົວບ້ານ ໂພນງາມ ຫາ ບ້ານໜອງສະ.

ເນື້ອທີ່. 18.045.. ຂ..... ມ<sup>2</sup> (50 ມ ຫ່າງອອກຈາກໃຈກາງທາງ) ໃຫ້ແກ່ຄະນະກຳ ມະການຈັດສັນເນື່ອທີ່ສະຖານບູສານວັດພູ, ອຳນາດການປົກຄອງເມືອງຈຳປາສັກ ເພື່ອນຳ ໃຊ້ເຂົ້າໃນແຜນການດັ່ງກ່າວຂ້າງເທີງນີ້ ໂດຍ<del>ບໍ່ຮັບການຊີດເຊີຍແຕ່ປະການໃດ ຈາກທາງອຳ</del> ຂ້ອມ ຄຸດ ຢູ່ເຂດ ຄຸດ ຂັ້ນ ຂອງເນື່ອງ ປາດເຊດ ພັບດະ ປຽວ x ເຫ ເພື່ອ: ປຽວ ຄາເພື່ອ ນາດລັດ. ເປັດ ກາດ ເປັງດະທາງ

ດັ່ງນັ້ນຈິ່ງເຮັດບົດບັນທຶກສະບັບນີ້ໄວ້ເພື່ອເປັນຫຼັກຖານ.

**ຮິງ**ເຈົ້າເມືອງຈຳປາສັກ ປະທານຄະນະກຳມະການຈັດສັນ

> Sisonan akchkhamongs Sisonan akchkhamongs

ເມືອງຈຳປາສັກ,ວັນທີ...&../.../...ຂອງ ເຈົ້າຂອງເນື້ອທີ່ດີນ

ผู้มอบ

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