

To: prburges@australiamail.com
From: mantana@ccs.sut.ac.th
Subject: SUT- IDP LINKAGE
Cc:
Bcc:
X-Attachments:

Dear Mr. Burges,

First of all, let me introduce myself to you again. My name is Mantana Thammachoti, a Program Officer, who is now assigned by Dr. Ruben Umaly to be responsible for the SUT-IDP Linkage. I had met you once when you first were at SUT with Dr. Yerburry.

Secondly, I am sorry that I am now writing you through e-mail instead of calling as I've just got your e-mail address from my colleague..Khun Sukumarn, this morning and as you are aware, it is cheaper to use e-mail.

Now, may I start discussing about our linkage.

I've studied the signed agreement and also discussed with the following persons involved :

1. Manu, the Director of Technopolis : He said that Technopolis has been awaiting the IDP response regarding space for offices and teaching rooms for the operation of ELCA. Please let us know the progress.

2. Dr. Maneepen, a Prof. from English Department, who has been assigned by the Rector to help in the planning of the English program for the Graduate students - ie. testing of level of competency of applicants, the remedial course for first year students, the mastery course for those going abroad or doing joint program with foreign universities, the examination for Ph.D students, etc.

She suggested that it would be useful if we meet and discuss again in details. The venue for meeting can be either at SUT or IDP office in Bangkok. Please let me know what you think about this? Do you agree that it is necessary for a meeting? If yes, please specify when the meeting should be held.

3. Re a workshop with other institutes in NE -to assess or identify their needs, I wonder if Dr. Umaly had discussed with you about this matter? If yes, could you please give a

TABLE 5.1 A Taxonomy of Market-Based Instruments

<i>Market Instrument</i>	<i>Description</i>
Pollution charge	<p>A payment or fee charged to the polluter, which varies with the quantity of pollutants being emitted. It can be implemented through any one of the following:</p> <p>Effluent or emission charge: A fee based on the actual discharge of pollution.</p> <p>Product charge: An upward adjustment to the price of the pollution-generating intermediate or final product based on either its quantity or some characteristic responsible for the pollution. Product charges may be implemented through <i>tax differentiation</i>, that is, levying different taxes on goods based on their potential effect on the environment.</p> <p>User charge: A fee levied on the user of the environmental resource based on the costs for treatment of emissions or effluents that adversely affect those resources.</p> <p>Administrative charge: A service fee for implementation or monitoring of a regulation or for registering a polluting substance with an authority.</p>
Subsidy	<p>A payment or tax concession that provides financial assistance either for emission or effluent reductions or plans to mitigate pollution in the future.</p>
Deposit/refund	<p>A system that imposes an up-front charge to pay for potential pollution damages which is returned for positive action taken by the potential polluter, such as returning a product for proper disposal or recycling.</p>
Pollution permit market	<p>The establishment of a trading system of "rights to pollute," using either credits or allowances.</p> <p>With a credit system, polluters earn marketable credits for emitting below an established standard.</p> <p>Under an allowance system, some number of allowances is allocated to each polluting source, which can then be increased or decreased through trading.</p>

Source: U.S. EPA, Office of Policy, Planning, and Evaluation, *The United States Experience with Economic Incentives* (Washington, D.C., July 1992); Organisation for Economic Co-Operation and Development, *Economic Instruments for Environmental Protection* (Paris: OECD, 1989a).

brief i.e when, how, etc. Will it be jointly run between SUT&IDP or?

This point is not very clear to me, I would appreciate very much your explanation ,if possible.

4. I also learn that Mr. Richard Sproat, the Director of ELCA is directly involved in the English Program. Please advise if I am to contact him directly.

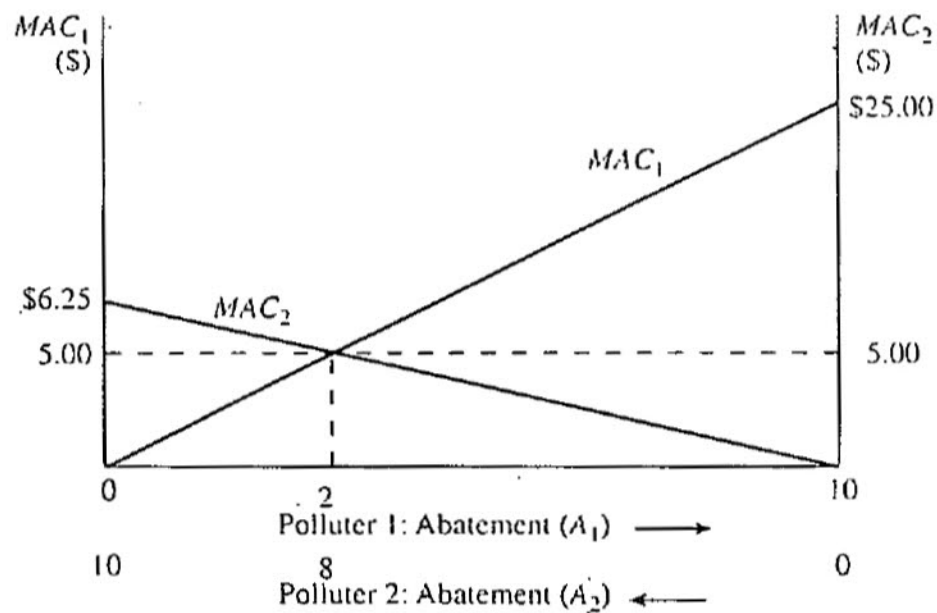
5. If you will communicate via email with Technopolis, we will appreciate if you send our office a copy.

Yours sincerely,
Mantana Thammachoti

Mantana Thammachoti
Program Officer,
Center for International Affairs,
Suranaree University of Technology
Nakhon Ratchasima 30000
Phone : 66 44 22 41 43
Fax : 66 44 22 41 40

FIGURE 4.6

The cost-effective solution in a two-polluter model



The model shows the MAC curves for two firms, Polluter 1 and Polluter 2, diagrammed on the same graph. Polluter 1's abatement level, A_1 , is measured left to right on the horizontal axis, and Polluter 2's abatement, A_2 , right to left. The horizontal axis measures from 0 units of abatement up to the 10-unit limit imposed by the regulatory authority, so that every point represents a combined abatement level that satisfies the standard. In accordance with the equi-marginal principle of optimality, the intersection of the two MAC curves yields the cost-effective solution, where $A_1 = 2$ and $A_2 = 8$. At this point, notice that $MAC_1 = MAC_2 = \$5.00$.

Return-Path: <prburges@australiamail.com>
Return-Receipt-To: "Peter Burges" <prburges@australiamail.com>
Reply-To: <prburges@australiamail.com>
From: "Peter Burges" <prburges@australiamail.com>
To: "'Mantana Thammachoti'" <mantana@ccs.sut.ac.th>
Cc: "'Richard Sproat'" <Richard.Sproat@bangkok.idp.edu.au>
Subject: RE: SUT- IDP LINKAGE
Date: Mon, 14 Sep 1998 22:54:37 +0700
X-MSMail-Priority: Normal
Importance: Normal
X-MimeOLE: Produced By Microsoft MimeOLE v4.72.2106.4
Disposition-Notification-To: "Peter Burges"
<prburges@australiamail.com>

Dear Dr Mantana

Thank you for your e-mail. I rang your office on Friday morning but you had not arrived and I left a message for you. Did you receive it?

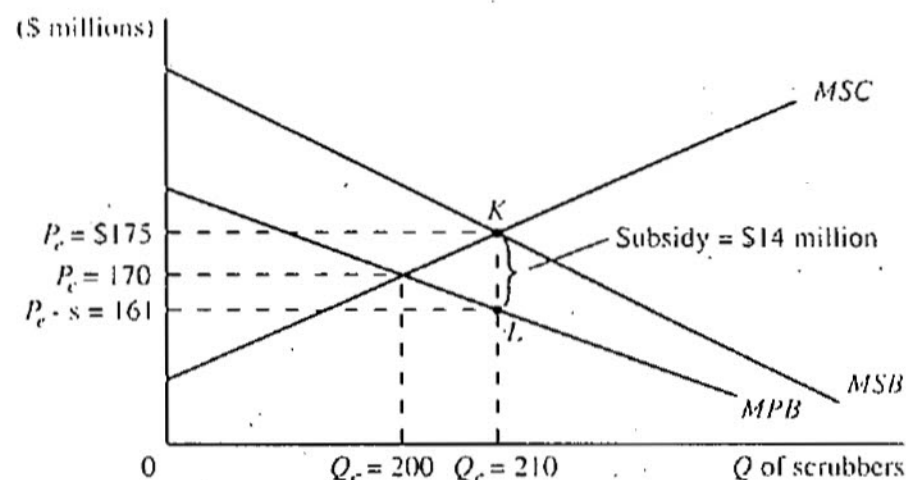
My apologies for being a bit slow in responding, but I have been fairly busy lately getting ready to go to Australia for a month.

I remember meeting you when I was there with Prof. Yerbury.

Please don't apologise for contacting me through e-mail. I agree it is cheaper and it is probably easier in many ways, too.

Let me say that I am looking forward to working with you to make a success of our linkage with SUT. I agree that we must keep in touch with you and your centre so that communication should be smooth. Also, Dr Ruben and I agreed that co-ordination should be through your centre. I will ensure that you are kept informed of any contacts with SUT.

FIGURE 5.5
A Pigouvian subsidy
in the market for
scrubbers



In the market for scrubbers, there is a positive externality associated with their consumption. Hence, the true measure of benefits to society is given by the *MSB*, which is the vertical sum of the *MPB* and the *MEB*. If a Pigouvian subsidy were provided to purchasers of scrubber systems equal to the *MEB* at the efficient output level, 210 scrubbers would be traded in the market instead of the competitive output level of 200. In this case, the Pigouvian subsidy is \$14 million labeled as distance *KL*. Notice that the effective price to polluters would be the efficient market price less the amount of the subsidy paid by the government, which in this case is $(\$175 - \$14)$ or \$161 million.

My responses to your queries are inserted at the relevant places within the text of your e-mail below.

Now, may I start discussing about our linkage.

I've studied the signed agreement and also discussed with the following persons involved :

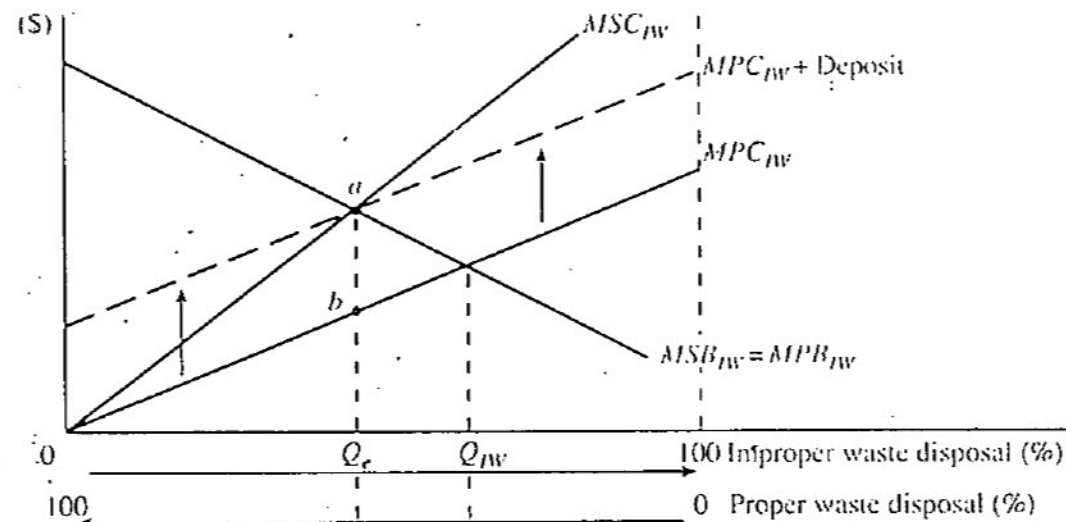
1. Manu, the Director of Technopolis : He said that Technopolis has been awaiting the IDP response regarding space for offices and teaching rooms for the operation of ELCA. Please let us know the progress.

*****Peter Burges: Response

In our discussions while formulating the agreement between IDP and SUT, both Dr Ruben and I agreed that it was important for our cooperation to be based on sound educational and commercial principles and practices. We saw this as meaning that joint activities should be planned and implemented on the basis of ensuring that the activities are designed to meet the educational and training needs of SUT and the region, and that these activities are able, at the same time, to cover costs and, preferably, to provide some surplus return to enable ongoing development. We saw this as part of the exciting challenge that our new partnership represents: developing models of sound education and commercial cooperation to serve the needs of the university, other education institutions, the business sector, and the community of the

FIGURE 5.6

Modeling a deposit/
refund system in the
market for waste
disposal



Improper waste disposal (IW) is measured left to right on the horizontal axis as a proportion of all waste disposal activity. Hence, the percentage of proper waste disposal (PW) is measured right to left. To correct the negative externality associated with improper waste disposal, a deposit/refund system is instituted with the deposit set equal to the MEC_{IW} measured at Q_e . The deposit, labeled as distance ab , elevates the MPC_{IW} up to MSC_{IW} , forcing the market participants to establish a new equilibrium at the socially optimal level. The result is an increase in the proportion of wastes properly disposed of from Q_{IW} to Q_e .

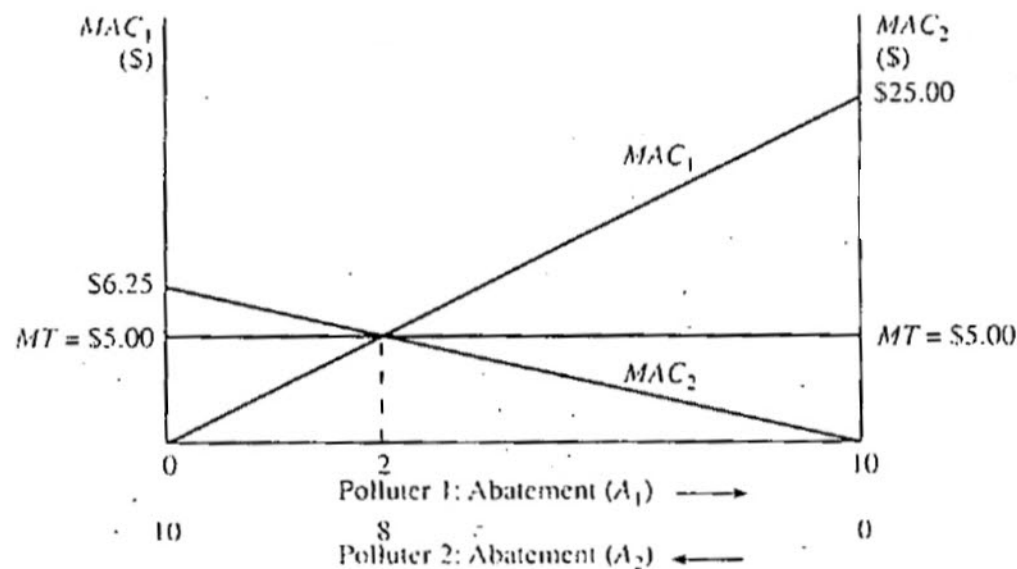
NE region that could provide examples for other institutions in the region.

As well, I advised Dr. Ruben that, especially under present circumstances in Thailand, IDP/ELCA could not afford to take on cost commitments until there is reasonable assurance of returns to cover those costs within a reasonable period. In view of this, I advised Dr. Ruben that I believed it would be sensible for the timing of the take-up of space for offices and teaching rooms at SUT to be made dependent upon the actual establishment of programs, both within SUT and/or to outside clients. I appreciate that SUT and the Technopolis are keen to see us establish a physical presence as soon as possible, and I want to assure you that we wish the same. However, I hope that you and the university can appreciate that undertaking costs of space and facilities without programs that provide the income to meet these costs would not be wise for either of us.

2. Dr. Maneepen, a Prof. from English Department, who has been assigned by the Rector to help in the planning of the English program for the Graduate students - ie. testing of level of competency of applicants, the remedial course for first year students, the mastery course for those going abroad or doing joint program with foreign universities, the examination for Ph.D students, etc.

She suggested that it would be useful if we meet and discuss again

FIGURE 5.4
Effect of an emission
charge in a two-
polluter model



The model shows the MAC s for Polluter 1 and Polluter 2 and the emission charge imposed as a unit tax of \$5 represented by the MT curve. The horizontal axis measures the 10-unit abatement standard imposed by government. Each firm abates as long as its $MAC < MT$, and pays the emission charge on all units of pollution not abated. In this case, Polluter 1, the high-cost abater, abates 2 units and pays \$40 in taxes on the remaining 8. Polluter 2, the low-cost abater, abates 8 units and pays taxes of \$10 on the remaining 2. At this point, $MAC_1 = MAC_2 = \$5$, which indicates the least-cost allocation of abatement responsibilities across the two firms.

in details. The venue for meeting can be either at SUT or IDP office in Bangkok. Please let me know what you think about this? Do you agree that it is necessary for a meeting? If yes, please specify when the meeting should be held.

*****Peter Burges: Response

I have discussed this with ELCA's Director, Richard Sproat, and ELCA's Academic Co-ordinator Sarah Johnston. We certainly agree it is essential to hold further meetings with Dr. Maneepen to discuss and organise these programs. It would be sensible for you to be involved in the discussions, at least at the preliminary stages, and then to be kept informed of progress. Mr. Sproat is due to contact Dr. Maneepen about this on Monday. The meeting can be here at our IDP/ELCA premises or at SUT, and should be held as soon as possible. Unfortunately, I will be in Australia for the next few weeks, so will not be able to participate in the meeting. However, Richard and Sarah can provide all the required input for IDP/ELCA.

3. Re a workshop with other institutes in NE to assess or identify their needs, I wonder if Dr. Umaly had discussed with you about this matter? If yes, could you please give a brief i.e when, how, etc. Will it be jointly run between SUT&IDP or?

This point is not very clear to me. I would appreciate very much your explanation, if possible.

This idea was put to us on the day we signed the agreement at SUT and we had little time then to determine exactly what was intended and how it should be implemented.

We have been giving it careful consideration and held a meeting today to sort out some ideas. There are several options for this initial activity and Richard will discuss these with you and Dr. Maneepen. It was suggested that the event could be held mid- to late October. However, we believe that it is important to ensure that such an event is successful and that sufficient time be allowed for adequate preparation to ensure this. Given changes to semester and holiday timetables this year, to make allowances for the SEA Games, we will need to make sure we set a date that is going to be convenient for the institutions we hope would participate in the workshop.

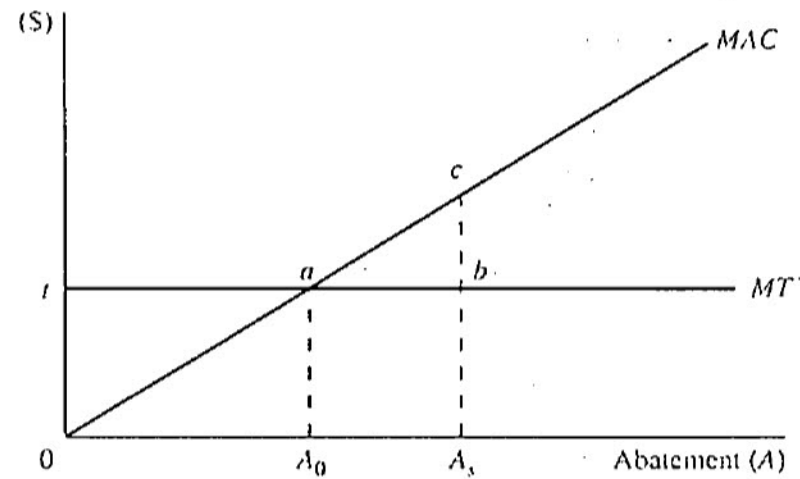
4. I also learn that Mr. Richard Sproat, the Director of ELCA is directly involved in the English Program. Please advise if I am to contact him directly.

*****Peter Burges: Response

Yes, I think it would be better to communicate directly with Richard. However, like you, I would like to be kept informed, so I suggest that any e-mails be CC'd to me. While I am in Australia, please use my personal e-mail to contact me.

FIGURE 5.2

Modeling an emission charge for the single firm



The model illustrates the decisions of a single polluter, faced with the options of either paying a tax $= t(A_s - A_0)$ and/or incurring the cost of abating. The tax burden is represented by the marginal tax (MT) curve; and the firm's marginal cost of abating is shown as the MAC curve. In this case, the cost-minimizing firm will abate up to level A_0 , since up to that point $MAC < MT$. Its total abatement costs (TAC) are represented by area $0aA_0$. Beyond A_0 and up to the standard, A_s , the firm will opt to pay the taxes, since $MT < MAC$ in that range. Its tax burden is represented by area A_0bA_s . Hence, the total costs to the polluter of complying with this policy are shown as area $0aba_s$.

5. If you will communicate via email with Technopolis, we will appreciate if you send our office a copy.

*****Peter Burges: Response
Yes, we will ensure this happens.

Regards

Peter Burges
Director
IDP Education Australia (Thailand)

BUSINESS CONTACT:

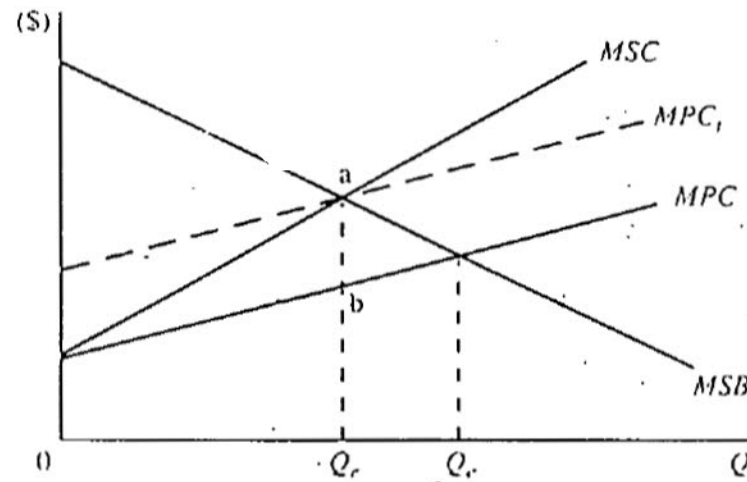
Tel: 66-2-2310838-9
Fax: 66-2-2310139
E-mail: Peter.Burges@bangkok.idp.edu.au

PERSONAL CONTACT:

Telephone: 66-2-6120938
E-mail: prburges@australiamail.com

FIGURE 5.1

*The implementation
of a Pigouvian tax to
achieve efficiency*



The model illustrates the use of a Pigouvian tax to achieve efficiency in the market for some pollution-generating product, Q . By setting the per unit tax exactly equal to the MEC at Q_e , shown as distance ab , the MPC shifts up to MPC_t . Equilibrium output is then determined by the intersection of MPC_t and $MSCB$, which establishes an allocatively efficient production level at Q_e .

แบบขอใช้บริการโสตทัศนูปกรณ์

เลขที่.....

วันที่ 14 สิงหาคม 41

ฝ่ายผลิตและพัฒนาสื่อการศึกษา
งานบริการโสตทัศนูปกรณ์
รับที่.....
วันที่.....
เวลา..... น.

เรียน ผู้อำนวยการศูนย์บรรณสารและสื่อการศึกษา

ข้าพเจ้า ศาสตราจารย์ ตำแหน่ง ค.ว.อ.โท
สังกัด CIA ขอใช้บริการโสตทัศนูปกรณ์ เพื่อกิจกรรม อบรม
อบรมสื่อ SUT-IDP โดยมีรายการดังต่อไปนี้

(กรุณาแจ้งล่วงหน้าอย่างน้อย 2 วันทำการ เพื่อให้การบริการเป็นไปได้อย่างมีประสิทธิภาพ)

ใส่เครื่องหมาย / ในช่องที่ต้องการ พร้อมระบุจำนวน

- | | | | |
|---|--------------------|--|--------------------|
| <input type="checkbox"/> 1. เครื่องฉายภาพข้ามศีรษะ | จำนวน..... เครื่อง | <input checked="" type="checkbox"/> 8. เครื่องเล่นเทปวิดีโอ | จำนวน..... เครื่อง |
| <input type="checkbox"/> 2. เครื่องฉายภาพสไลด์ | จำนวน..... เครื่อง | <input type="checkbox"/> 9. อุปกรณ์สำหรับชี้ (LASER POINTER)ตัว | |
| <input type="checkbox"/> 3. จอรับภาพ | จำนวน..... เครื่อง | <input checked="" type="checkbox"/> 10. ระบบขยายเสียงพร้อมลำโพง | |
| <input checked="" type="checkbox"/> 4. เครื่องรับโทรทัศน์ ขนาด.....นิ้ว | จำนวน..... เครื่อง | <input type="checkbox"/> ไมค์ชุดประชุม..... 20 ตัว | |
| <input type="checkbox"/> 5. เครื่องเล่น PHOTO CD | จำนวน..... เครื่อง | <input type="checkbox"/> ไมค์ยืนพร้อมขาตั้ง..... ตัว | |
| <input type="checkbox"/> 6. เครื่อง VEDIO PRESENTER | จำนวน..... เครื่อง | <input type="checkbox"/> ไมค์ตั้งโต๊ะพร้อมขาตั้งโต๊ะ..... ตัว | |
| <input type="checkbox"/> 7. เครื่องเล่นเทปเสียง | จำนวน..... เครื่อง | <input checked="" type="checkbox"/> อื่นๆ (ระบุ)..... | |

รายการอุปกรณ์หรือกิจกรรมอื่นๆ (โปรดระบุ) จัดโต๊ะเก้าอี้สำหรับวิทยากร

ข้าพเจ้าต้องการใช้ โสตทัศนูปกรณ์ดังกล่าวในวันที่ 18 สิงหาคม 2541
ณ อาคาร 10 ห้อง 314 เวลา 11.00 น. ในกรณีงานบริการ
โสตทัศนูปกรณ์ต้องการติดต่อประสานงาน สามารถติดต่อได้กับ (ชื่อ) อ.ศุภกมล ธีรพล
สถานที่ CIA โทร. 4144

ลงชื่อผู้ขอใช้บริการ

หมายเหตุ ☒ ต้องการใช้เฉพาะครั้งนี้เท่านั้น

☐ ต้องการใช้ตลอดภาคเรียน หรือจนกว่าจะมีการแจ้งเปลี่ยนแปลง

☐ อื่นๆ โปรดระบุ

FAXED

14 AUG 1998

บันทึกเจ้าหน้าที่

- | | |
|---------------------------------------|------------------|
| [1] ถึง งานบริการ โสตทัศนูปกรณ์ และ | [2] ผู้ปฏิบัติ |
| โปรดจัดบริการตามที่ขอ | ทราบ |

ลงชื่อ

ลงชื่อ

- [3] รายงานผลการให้บริการ

ลงชื่อ