

public X.25 carrier (Telecom or OTC). Some time must be spent in developing several scenarios and evaluating the scenario that provides the most functionality for the least cost and effort.

Benefits of the project:

Many sites within AARNet have private leased X.25 facilities. These facilities cost the individual sites a large amount of money in leased lines and traffic costs. An consolidation of X.25 services will decrease the amount of money being spent in leased services. Further cost savings will also be achieved in decreased traffic costs for X.25 traffic within the AARNet members.

Additional benefits can be offered to smaller AARNet members who do not require full X.25 facilities. Gateways can be provided that allow these smaller institutions access to X.25 without requiring them to run X.25 to their doorstep. This will reduce the expertise and equipment required at these sites to provide this service to their clients.

When completed, this project will be one of the first that uses AARNet to rationalise networking expenses and concentrate value-added services in a central area. It will be through projects such as this that tangible benefits of AARNet can be determined.

Qualifications and Experience to undertake the project:

The Prentice Centre is recognised for networking initiatives over the past decade. We have been involved with X.25 in Australia since its inception, being the first customers to connect. Our knowledge and experience in X.25 has been recognised by Telecom Australia in resolving teething problems with their Austpac network.

Staff will be Danny Smith who has worked with X.25 for 7 years. He developed the X.25 Packet Switch that is the mainstay of the X.25 networking in Queensland institutions, and was heavily involved in a contract to develop X.25 services for a livestock auctioning system.

AARNet Funding Proposal

PROJECT NAME :
X.400 in AARNet

BUDGET REQUESTED :
\$15,000

ORGANISATION TO WHICH GRANT IS TO BE PAID :

Name : The Prentice Centre
Address : The University of Queensland
QLD 4072
Responsible Officer : George Michaelson
Position : Senior Systems Programmer

CO-OPERATING ORGANISATIONS :

None at this stage, but collaboration with other bodies within and outside AARNet is foreseeable.

SYNOPSIS :

The Project will investigate the impact of running an X.400

AARNET PROJECT SUBMISSION 13

CCWILBER@koala.cc..., 15 Apr 19:08 EST, AARNet Project Funding

>From CCWILBER@koala.cc.uq.oz.au@uqvx.cc.uq.oz.au Mon Apr 15 19:08:53 1991
Received: from bunyip.cc.uq.oz.au by jatz.aarnet.edu.au with SMTP id AA06986 (5.65+/IDA-1.3.5 f
gih900); Mon, 15 Apr 91 19:08:43 +1000
Received: from uqvx.cc.uq.oz.au by bunyip.cc.uq.oz.au id aal1599; 15 Apr 91 19:08 EST
Date: Mon, 15 Apr 91 19:08 EST
From: CCWILBER@koala.cc.uq.oz.au
Subject: AARNet Project Funding
To: G.Huston@aarnet.edu.au
Message-Id: <8D223B344CBF20618F@uqvx.cc.uq.oz.au>
X-Envelope-To: G.Huston@aarnet.edu.au
X-Vms-To: UQVAX::IN"G.Huston@aarnet.edu.au"
X-Vms-Cc: ccwilber
Status: R

Geoff,
We're running late, as usual. Could you pass this on to the
appropriate people, please? I expect our Vice-Chancellor will send a physical
mail copy, too.

Thanks,

Wilber Williams,
the Prentice Centre,
University of Queensland.

Is this more than a gateway and
could be coordinated by AARNET
staff.

AARNet Funding Proposal

Project Name:
Feasibility Study of Private X.25 Network

Budget Requested:
\$10,000
(Approximately 10 days work, plus travel costs to Sydney and
Canberra)

Organistaion to which grant is to be paid:
Name: The Prentice Centre
Address: The University of Queensland
Qld. 4072.
Responsible Officer: Danny Smith
Position: Senior Specialist Systems Programmer

Co-operating Organisations:
None

Synopsis:
X.25 is required by a number of AARNet members to access network
resources that are not available by any other means. This mostly
refers to online databases and catalogues, particularly for library
usage.

What is required is to establish an AARNet-wide X.25 network that
offers its members a cost-effective solution in accessing these
resources. This solution may take several forms, and a full study
is required to determine the best way of establishing an AARNet
X.25 network that offers full facilities to the members, without
the duplication of expense, expertise, and equipment that is
currently taking place.

The study will require some travel to communicate with the
technical management of AARNet, and to negotiate services with a

Handwritten notes:
1. Some of JNET gateway not
justified.
2. Libraries Only,
Library x 29 {Structure
Dialup {Protocol
for X.25
Planet -> x 29 gateway.
Address translation
x 29 Accounty.
Billed services. Cullention
PAD
NVI-
3. Full X.25
Directory Service
4. Holder of service charges
for DEL provider