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DEPARTMENT OF  
ADMINISTRATIVE SERVICES

SALLY W. NAGY  
CHIEF INFORMATION OFFICER

CITY OF SACRAMENTO  
CALIFORNIA

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SACRAMENTO  
95814-2601

APPROVED  
BY THE CITY COUNCIL

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April 6, 1999

APR 20 1999

City Council  
Sacramento, California

OFFICE OF THE  
CITY CLERK

Honorable Members in Session:

**SUBJECT: CITYWIDE NETWORK ANALYSIS AND STABILIZATION**

**LOCATION AND COUNCIL DISTRICT:** Citywide

**RECOMMENDATIONS:**

This report recommends that the City Council approve a purchase in the amount of \$129,050 with Cohesive Network Systems, Inc. for emergency assessment, modification, and repair related to in-progress network analysis bringing the total compensation to this vendor to \$314,520.67.

**CONTACT PERSON:** Sally W. Nagy, Chief Information Officer 264-8600

**FOR COUNCIL MEETING OF:** April 20, 1999

**SUMMARY:**

This report recommends that the City Council approve an increase of \$129,050 with Cohesive Network Services, Inc. Previous purchases with this vendor for closely related services were in the amount of \$76,800 and \$108,670.67. The latest purchase for \$129,050 brings the total of all purchases to \$314,520.67.

**COMMITTEE/COMMISSION ACTION:**

None.

City Council

Re: Citywide Network Analysis and Stabilization

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**BACKGROUND INFORMATION:**

- The majority of City employees communicate internally and externally through computer networks that have been built over the past several years.
- These networks are in various stages of development and repair. The Wide Area Network (WAN) and multiple departmental Local Area Networks (LANs) are unstable resulting in network shutdowns, slowdowns and data loss. In addition, the current design is not well suited for Citywide data sharing and has significant security risk areas.
- The network services proposed under this agreement will assist the Technology Division of the Administrative Services Department, in collaboration with departmental technical staff, to assess and correct identified deficiencies.
- The City initially solicited proposals from four CMAS-qualified (State Multiple Award Schedule) firms to supply network analysis and consulting services. Cohesive Network Systems, Inc., who was already providing similar services to the City, was selected.
- This request is to increase the dollar amount of the current agreement between the City of Sacramento and Cohesive Network Systems, Inc. to provide corrective actions identified during the assessment phase as necessary to stabilize the network and the City's electronic mail and scheduling systems.

**FINANCIAL CONSIDERATIONS:**

The \$129,050 utilized for this project will be from the Administrative Services Department FY97/98 budget carryover.

**ENVIRONMENTAL CONSIDERATION:**

Ongoing administrative and maintenance activities, which are not made for purposes of a public works construction project, do not constitute a "project" and are exempt from the California Environmental Quality Act (CEQA). CEQA Guidelines, Sections 15061(b)(1), 15378(b)(3).

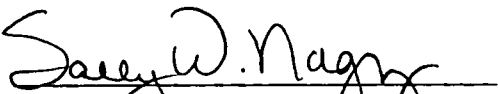
**POLICY CONSIDERATIONS:**

The requested action is consistent with existing policy concerning consultant services and Title 59 of the Sacramento City Code.


**ESBD CONSIDERATIONS:**

Cohesive Network Systems Inc. is not an emerging or small business enterprise. In November 1998, Cohesive Network Systems Inc. was selected from a group of four CMAS qualified firms who submitted proposals to supply network analysis and consulting services. This is an amendment to the original agreement. One of the four firms initially solicited (Special Order Systems (SOS)), was an M/WBE firm and is currently providing similar services to the City.

Respectfully submitted,

  
Sally W. Nagy  
Chief Information Officer

RECOMMENDATION APPROVED:

  
Robert P. Thomas  
City Manager

Approved:

  
Kenneth Nishimoto  
Director, Administrative Services

**APPROVED**  
BY THE CITY COUNCIL

**APR 20 1999**

OFFICE OF THE  
CITY CLERK

**RESOLUTION NO. 99-182**

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF \_\_\_\_\_

**RESOLUTION AUTHORIZING A PURCHASE WITH  
COHESIVE NETWORK SYSTEMS, INC., FOR  
NETWORK ANALYSIS AND CONSULTING SERVICES**

**BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO THAT:**

The City Manager and City Clerk are hereby authorized to execute a purchase with Cohesive Network Systems, Inc., in the amount of \$129,050, bringing vendor's total compensation to \$314,520.67.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
**FOR CITY CLERK USE ONLY**

RESOLUTION NO.: \_\_\_\_\_

DATE ADOPTED: \_\_\_\_\_

**Supplemental Agreement  
Systems & Programming Division**

Project Title and Job Number: Network Repair & Modification Implementation  
Network Management – CMAS 398700721A  
Date: May 4, 1999  
Supplement Agreement Number: 1  
Purchase Order Numbers: 9132078421A

The City of Sacramento ("City") and Cohesive Network Systems Inc. ("Consultant"), as parties to that certain Consultant and Professional Service Agreement designated as Agreement Number 1, hereby supplement and modify the Agreement as follows:

1. The Scope of Services specified in Exhibit A of the Agreement is amended as follows:

See attached Exhibit A.

2. In consideration of the additional and/or revised services described in section 1, above, the maximum not-to-exceed amount that is specified in Exhibit B of the Agreement for payment of Consultant fees and expenses is increased by \$80,000.00 and, accordingly, said maximum not-to-exceed amount is amended as follows:

Agreement's original not-to-exceed amount:	\$ 76,800.00
Increase by this supplement agreement:	\$ 80,000.00
New not-to-exceed amount:	\$156,800.00

3. Consultant agrees that the amount of increase or decrease in the not-to-exceed amount specified in Section 2 above, shall constitute full compensation for the additional and/or revised services specified in Section 1, above, and shall fully compensate Consultant for any and all direct and indirect costs that may be incurred by Consultant in connection with such additional and/or revised services, including costs associated with any changes and/or delays in work schedules or in the performance of other services or work by Consultant.
4. Consultant warrants and represents that the person(s) executing this supplemental agreement on behalf of Consultant has/have been duly authorized by Consultant to sign this supplemental agreement and bind Consultant to the term thereof.
5. Except as specifically revised herein, all terms and conditions of the Agreement shall remain in full force and effect, and Consultant shall perform all of the services, duties, obligations, and conditions required under the Agreement, as supplemented and modified by this supplemental agreement.

Approval Recommended by: Mike Morris, Sr. Information Systems Analyst

Project Manager: Kelly Montgomery

Approved as to form: H. Michael Jones  
(Deputy City Attorney)

Approved By:

City of Sacramento: Sally W. Nagry  
(Name)

Chief Information Officer  
(Title)

Cohesive Network Systems Paul W. Stash  
(Name)

Finance Officer  
(Title)

ATTEST: Therese A. Burrows  
(Name)

City Clerk  
(Title)

\*When the consultant is a corporation, the following two signatures are required:

- (1) The first signature by either the Chairman of the Board, the President or any Vice President of the Corporation; and
- (2) The second signature by either the Secretary, an Assistant Secretary, the Chief Financial Officer or any Assistant Treasurer of the corporation.

## **EXHIBIT A**

### **Scope of Work**

#### **General**

Any and all physical items, (hardware, software, tools and utilities) will be purchased separately by NPDS and are not a part of this document. Vendor(s) will be selected by NPDS to fulfill the requirements of any implementation plan submitted by Cohesive and accepted by NPDS.

Total commitment of work, to be completed by Cohesive, covered by this document is not to exceed \$80,000.00

#### **Scope of Work - Automated Permit System, APS**

- Implement Database Migration and Architectural Needs.
- Document the Network infrastructure as it directly relates to the Database Server.
- Implement a Primary Transaction Server, a Secondary Query and Update Server, and a separate Test Server.
- Perform Network Assessment of future TCP/IP and 100 Mb/Sec operation as it relates to the Database Server.
- Document Oracle database architecturally optimized for APS functionality and performance.

#### **Deliverables**

- Documentation of the Automated Permit System Database Architecture and Database assessment reasoning and logic
- Implement the migration of historical permit (PIMS) and enforcement case history (dBase) to the Oracle database
- Weekly status reports to include task status of all project team members currently engaged in project and Master plan progress
- End User documentation, to include select and conceptual review of the application
- Management documentation including all project assumptions and decisions
- Programmer documentation including all source code and scripts created by Cohesive
- Back up and recovery documentation for the system
- Training for three support personnel as assigned by NPDS
- Database diagrams, both printed and electronic, of all modifications recommended and implemented by Cohesive
- Implement Oracle Tools for reporting

**Cohesive Resources Required**

Labor Category	Negotiated Rate	CMAS Standard Rate
Senior Interdisciplinary Technologist	\$110 per hour	\$153.55 per hour
Interdisciplinary Technologist	\$75 per hour	\$122.25 per hour

The fixed amount for the project described in the "Scope of Work - Automated Permit System, APS" is \$80,000.00