



Legislation Details (With Text)

File #: RES-33668 **Version:** 1 **Name:** Develop Telecommunications Network
Type: Resolution **Status:** Adopted
File created: 4/8/1997 **In control:** City Council
On agenda: 4/8/1997 **Final action:** 4/8/1997
Title: Resolution No. 33668
Sponsors:
Indexes:
Code sections:
Attachments: 1. RES-33668.pdf

Date	Ver.	Action By	Action	Result
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SUBSTITUTE

I RESOLUTION NO. 33668

2 WHEREAS the City of Tacoma, Department of Public Utilities, Light
3 Division desires to: (1) develop a ~state-of-the art fiber optic system to
4 support enhanced electric system control, reliability and efficiency; (2)
5 develop capability to meet the expanding telecommunications requirements

6 in an evolving competitive electric market, the most critical of which is real-
7 time, two-way interactive communications with individual energy consumers,
8 (3) create greater revenue diversification through new business lines (i.e.
9 ~internet transport, cable TV, etc.), (4) enhance traditional products and
10 services, and (5) maximize return on Light Division assets, and

11 WHEREAS these desired capabilities can be provided with a broad
~12 band telecommunications system for all of the Light Division's service area,
13 and

14 WHEREAS a broad band telecommunications system will have
15 available capacity for future City Light Division needs and will also have the
~16 capacity to provide telecommunications services for data transport, high
~17 speed ~internet access, full cable television service, and other uses, and

~18 WHEREAS the Light Division has retained consultants to review and
19 analyze the feasibility of a broad band telecommunications system for the

20 Light Division's service area, and a business plan has been prepared for
21 this purpose (copies are on file with the Clerk), and

22 WHEREAS the cost of constructing, installing and commencing to
23 operate a broad band telecommunications system will be approximately \$65
24 million dollars, but the benefits to the Light Division, the City and the Light
25 Division customers are projected to exceed and justify the initial cost, and
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2 WHEREAS the City Council and Public Utility Board will continue to be
3 involved in the future decision-making on this proposal including construction
4 contracts and debt financing approvals, quarterly reviews on-the project
~5 direction during the startup period, approval of agreements for use of City
6 ~rights-of-way for telecommunications purposes which agreements will (to the
7 extent required by law or City Council) treat the Light Division substantially
8 similar to other franchises that the City grants for similar businesses, and
9 WHEREAS the City Council hereby finds and determines that the

~10
11 Light Division's proposal for a broad band telecommunications system is in
12 the best interests of the City, will serve a public purpose, and should be
13 approved and implemented; Now, therefore,

14 BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

15 That the Council hereby finds and determines that the City Light

is
16 Division's broad band telecommunications proposal is in the best interests

17 of the City, will serve a public purpose and that the said Business Plan is

18 sufficient and adequate, therefore, the Council hereby approves the Light

~18
19 Division's proposal including the Business Plan and the Department of

20 Public Utilities, Light Division is hereby authorized to proceed to implement

21 said proposal for a broad band telecommunications system, and

22 That the proposed broad band telecommunications system shall be
23 owned, operated and controlled by the City of Tacoma Department of Public

24 Utilities Light Division with the Public Utility Board providing oversight and

25 approval of business and third party agreements, as appropriate under the

26 City Charter, Tacoma Municipal Code and other applicable laws, and the City

27 Council shall continue to be involved in the major policy decisions including

28 - 2 -

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2 construction contracts, rate setting policies, debt financings, the public

3 ~rights-of-way use for telecommunications agreements and quarterly reviews.

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5 Adopted APR ~0 8 19~97

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Mayor

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9 ago ~,)CIL ~MA")94

10 Attest: City Clerk

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Approved as to form & legality:

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14 ~Ass'l'stant City Attorney

~1 5

16 Requested by Public Utility
Board Resolution No. U-9258

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REQUEST FOR ~ORDINAN
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Ordinance ~Olk.

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Resolution

1. Date: March 20, 1997

Requesting Department/Division/Program	Sponsored By	Phone/Extension
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2. Tacoma Public Utilities/Light Division

Contact Person (for questions):	Phone/Extension
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3. Steven J. Klein	502-8203
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4. Preparation of Resolution is requested for the City Council meeting of Tuesday April 8, 1997

5. Summary Title/Recommendation: (A concise sentence, as it will appear on the Council Agenda)

Authorize the development of a broad band telecommunications network to improve electric utility service and improve the telecommunications infrastructure available to the community. This would include the business plan for a broad band telecommunications system and the implementation of the telecommunications system.

6. Background Information/General Discussion: (Why is this request necessary? Are there legal requirements? What are the viable alternatives? Who has been involved in the process?)

The Light Division has undertaken an extensive telecommunications study that includes market research, telecommunications industry analysis, an examination of the regulatory environment and research on similar activities in other municipalities. It is projected that the cost for the construction and installation of this system will be approximately \$55 million to construct, plus more than \$10 million for startup operations. However, the Light Division believes that the overall benefits to the City, the Light Division and its customers will exceed the projected costs.

In addition to the benefits to the Light Division that the system would deliver through improved communication abilities, the system will also have the ability to transport data, provide high speed Internet access and deliver full cable television service.

7. Financial Impact: (Future impact on the budget.)

8. List all material available as backup information for the request and indicate where filed:

Source Documents/Backup Material	Location of Document
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Letter to the Public Utility Board and City Council from Mark Attached
Crisson dated March 20, 1997

9. Funding Source: (Enter amount of funding from each source)

Fund Number & Name:	State \$	City \$	Other \$	Total Amount
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If an expenditure, is it budgeted?	Yes	No	Where?	Agency	Account
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Appropriation to Availability of Funds

10.	I	-G	Utilities Approval
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FOOTNOTES: Template REQORD DOC
3/20/197

Officer's Signature

Public Utility Board and City Council
March 20, 1997
Page 2

Improves electric service by enabling distribution system automation, market access, and real-time, interactive communication with customers

Provides better telecommunications and cable television service sooner and cheaper than other providers will deliver

Significantly enhances regional economic development and quality of life by creating state-of-the-art telecommunications infrastructure and providing it to all businesses and residences throughout the community

Creates opportunities for public private partnerships in the wholesale leasing of system capacity to retail telecommunications service providers

Provides additional revenue to the Light Division and General Government through expansion of the market for telecommunications services

SUMMARY

The proposed telecommunications system will strengthen the Light Division's competitive position in the electric power industry through the provision of enhanced electric and telecommunication services to the Light Division customers. This system will serve a public purpose and is in the best interests of the City.

Very truly yours,

Mark Crisison
Director of Utilities

~1_4

Tacoma
Public
Utilities

Mark Crisison
Director

3628 South 3rd Street
P.O. Box 1100-
Tacoma, WA 98411-0007

Divisions
Light
Water
Belt Line

March 20, 1997

To the Chairman and Members of the Public Utility Board and
To the Mayor and Members of the City Council

RESOLUTION No. U- 9 2 5 8

RECOMMENDATION

The Light Division requests approval by the Public Utility Board and the City Council to develop a broad band telecommunications network as described in the Light Division Telecommunication Study. This action authorizes project implementation and the initiation of design and contract specifications. The Light Division will bring subsequent

requests for construction contract and debt issuance approval to the Public Utility Board and City Council as the project progresses. Both policy bodies will also be periodically advised of project status during the development process.

BACKGROUND

In preparation for this request, the Light Division has undertaken an extensive telecommunications study that includes market research, telecommunications industry analysis, an examination of the regulatory environment, and research on similar activities in other municipalities. Staff has made presentations to neighborhood councils, chambers of commerce, local economic development groups, the Tacoma Port Commission, and the Tacoma Public School Board. Two joint Public Utility Board/City Council study sessions were held. A public hearing on the proposed telecommunications system was held by the Public Utility Board on March 12, 1997, and another public hearing was held by the City Council on March 18, 1997. Information summarizing the Telecommunications study and our recommendations was made available at the presentations and public hearings.

The Light Division estimates the cost of this telecommunications system will be approximately \$55 million dollars for construction and installation, plus more than \$10 million dollars for startup operations. The business plan indicates excellent financial potential even under conservative revenue and market penetration assumptions. We recognize the plan's projections are no guarantee of success, but we think the project risks are manageable and justified given the project benefits. These benefits include:

SUBSTITUTE

~7MF RESOLUTION NO. U-9258

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WHEREAS the City of Tacoma, Department of Public Utilities,

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Light Division desires to: (1) develop a state-of-the-art fiber optic

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technology to support enhanced electric system control, reliability and

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efficiency; (2) develop capability to meet the expanding

6

telecommunications requirements in an evolving competitive electric

7

market, the most critical of which is real-time, two-way interactive

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communications with individual energy consumers, (3) create greater

9

revenue diversification through new business lines (i.e. ~internet transport,

~10 cable TV, etc.), (4) enhance traditional products and service, and (5)

~1 ~1 maximize return on Light Division assets, and

12

WHEREAS these desired capabilities can be provided with a broad

13

band telecommunications system for all of the Light Division's service area,

and

14

15

WHEREAS a broad band telecommunications system will have

16 available capacity for future Light Division needs and will also have the
capacity to provide Telecommunications services for data transport, high

17 speed ~internet access, full cable television service, and other uses, and

~18

19 WHEREAS the Light Division has retained consultants to review
and analyze the feasibility of a broad band telecommunications systems for

20 the Light Division's service area, and a business plan has been prepared

21 for this purpose (copies are on file with the Clerk), and

22

WHEREAS the cost of constructing, installing and commencing to
23 operate a broad band telecommunications system will be approximately
24 \$65 million dollars, but the benefits to the Light Division, the City and the
25 Light Division customers are projected to exceed and justify the initial cost,
26 and

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~W WHEREAS the City Council and Public Utility Board will continue
1 to be involved in the future decision-making on this proposal including
2 construction contracts, and debt financing approvals, quarterly reviews on
3 the project direction during the startup period, approval of agreements for
4 use of City ~rights-of-way for telecommunications purposes which

~5 agreements will (to the extent required by law) treat the Light Division

6 substantially similar to other franchises that the City grants for similar
businesses, and

7

8 WHEREAS the Public Utility Board hereby finds and determines

9 that the Light Division's proposal for a broad band telecommunications

~10 system is in the best interests of the City, will serve as a public purpose,
and should be approved and implemented; Now, therefore,

I ~1

12 BE IT RESOLVED BY THE PUBLIC UTILITY BOARD OF THE CITY OF TACOMA:

13 That the Board hereby approves the Light Division's proposal

14 including the Business Plan for a broad band telecommunications system,

I ~5 and the Board recommends that the City Council approve a resolution to
authorize the Light Division to proceed to implement said proposal for a

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broad band telecommunications system, and the Board recommends that

17

the City Council continue to be involved in the major policy decisions

18 including construction contracts, debt financings, the public ~rights-of-way
19 use agreements for telecommunications and quarterly reviews.

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21 Approved as to form & legality:
Chairman

22

23

24 Chief Assistant City ~Attorney Secretary
25

26 Adopted

27 Clerk

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~Taconse
Public
~uttifti" MEMORANDUM

To: Rick ~Rosenblatt, City Clerk

From: Mark ~Bubenik, Chief Assistant City Attorney

Date: March 27, 1997

Subject:

Please place the following proposed ~resolution(s) ~ordinance(s)
on the agenda for the April 8, 1997 Council Meeting:

U-9258 Approve the Light Division's Telecommunications Plan

Resolution No 33668

Adopted: APR 08 1997

Maker of Motion:

Seconded: ~10,t ~-

Roll Call vote:

MEMBERS	AYES	~NAYS	ABSTAIN	ABSENT
Mr. ~Baarsma				
Mr. Crowley				
Mr. ~DeForrest				
~Mr.Evans				
Mr. Kirby				
Dr. ~McGavick				
Mr. Miller				
Dr. Silas				
Mayor Ebersole				

MEMBERS	AYES	~NAYS	ABSTAIN	ABSENT
Mr. ~Baarsma				
Mr. Crowley				
Mr. ~DeForrest				
~Mr.Evans				

Mr. Kirby
Dr. ~McGavick
Mr. Miller
Dr. Silas
Mayor Ebersole,