	ITEM	20
• 1	MANAGER'S REPORT NO.	85
	COUNCIL MEETING 1979	12 17

## RE: ENGINEERING SERVICES FOR THE 1980 LOCAL IMPROVEMENT PROGRAM (ITEM 16, REPORT NO. 83, 1979 DECEMBER 10)

On 1979 December 10, Council tabled a report on a proposal to engage engineering services for the 1980 Local Improvement program. The additional information that Council required on that occasion is contained in the following report from the Municipal Engineer.

## **RECOMMENDATIONS:**

1. THAT Item 16, Report No. 83, 1979 December 10 be lifted from the table; and

2. THAT the recommendation of the Municipal Engineer be adopted.

17. J. M.	CONTRACTOR AND			5 M G (M 10)	a la seconda de la seconda d	State State State	计数据输出 法保证证券 化苯基	复烧的 不可认为 化	a dan sa ta ta ta ta ta	1.11.11.11.11.11.1	17 1 1 1 1 1 1 1 1 1	18 C 10 C 10	1100 I.S. M.	しいじん だいだい	Section 2. 1	医白白白白 医鼻白白	(1) 1 (1) 1 (1)	5.11 Set 1998	e i strangica	e fille standel fille en	111 PA 111	- NOV 12 (2012)	
9253.5	1. S.	A Charles S. M.	Second of the 19	せんきいたく	Manufact Contract	いいしょうぶい	1. Sec. 19 (19) at 1	and the second	6	101101-011-01	The second	11 N. C. M. M.	200 - De 191	an ann a dù		- 10 A A A		S = 6, 23	- 1997 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 199 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 - 1998 -	1. A. C. 10	如何 化合成合金	- KU 1997	
- C	20	and a state of the s	the stand on				- 0/07					1.1.1.1.1.1		3161032	98.233	26.274		11.1.2.1	110104	And the second	a ferrañ de	200 J. C. C. S.	7.00
61.19	ro:		1.2011.000.007	MIT	NTC		T. M.7	\ <u>\</u> \\\\\\\	TTD	1 M M M M	1000000000	- 12 A.A.	1.11.14	97.56.85	S. 1999 S.	بالمكلي فترتد	1 WK (17 - 1	1999 C. 1999	- 11 I I I I I I I I I I I I I I I I I I		<b>.</b>	<b>n</b> 7	
1.5		20.000.002	またがたりました。	1-1-0-1	NТС.		LM	MAR (	3.C.A.	8 C 1 C 1 C 1 C 1	ALC: NO	212.000	1	1.1.1	1990 A. H. H.		and the second sec	11 Y 18 Y		<b>- / N</b>	31	1.1.1.1	
1015	and a street	0.000.000		Section of the	all and the second	and the last the state	the set of the set			ele contra en el	이 문화에서 같다.			S. 17 3. 3	. OʻCL 199	C. C. M	1.11	and the second second		A 1986 1 1 1	·	~ .	- 4
S	double Barro	Country 17 2	1.11 Sec. 1	1.1	and a set of the	Sec. 19.	5 0 0 000			General a	1.1.1			1		ainte Mitte		1.1			1.1.1.1.1.1.1.1	1	
S	1997 BOLS	Y 1 G. Y 1 P.	And an and the set	1. 1. 1. 1. 1. 1.	1. A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	1969 (A.G. 1997)		C 5 8 27 INSE	- 이상 전입 시험	100 C 1 1 1	6 S M. S	11 (1) A 1 (4) (3)	27 A 19 1	9 - 402 M.	3 W S S S S	7 1920	11. J. M.	T 1	10.11.15.17.1				
3 F. A		10.000				化化化合金 化苯	7 - 1923 <u>a a</u> d	25 o 3 o 445	en. 1799	54,46,1 Ju			1.16.16	化化化学学校	King a litera		1444	2011-11-11	- Shahibi	51.2 A. S. A. A.	-5 Sector		1.1
S - 127	862 B. C.	4	がっていたた	1999 B.	1. S. 18 ( St. 1	N 1 1 1 1 1 1 1		612 BAR - 1	1. S. S. A. S.	1. No 1. No. 1.	- ビモーキ 白沢	San 197 (MA)	- 10 A.M.		10 A A	1.7.1.3.	N. M. 1944	S	1.1.1.1.1.1.1	オンマイストリ	61 C M M M	1.012.011	
1.11			and a state of the					Section of the sectio	1.11.1.10.11		10 0 0 0 D	1. 1. 1. 1.	6 - 61° - 64° - 7	化合理 建新新		10 S S S (1)	子子の見たい	1. N. A.		S. S. S. S.			
T	7 D M	М.	11.14 6.610	MITT		ואתז	т тлъ	101 T N	TT 7 7 7 7	<b>n</b> 11 11 1	1 1 J. Otto			a second second		1997 (A. 1977) -	1. I. M.	101 - BLAC & B	1		网络哈拉尔		č
- I	<b>FRO</b>	M I A A A	(a) (a) (b) (b)	I UIM	ATC:	L PA	L EN		vr.e.		3 1 110.		de contra de la co	1. 10 C C C	1.1.1.1.1	1 N G G	- G. J. J.	C. 14.	1977 - A A	173, 121, 124			
1 2			11 I I I I I I I I I I I I I I I I I I								- Contra - C	1.1.1.1.1.1.1.1				1251-121	10.02010	111110		NU 1972 - 1	A MARKEN	19.00	
	1999 B. 199	New Accession		1.1.1.1.1.1.1.1	1.01	and the second	11 12 A 11 A		a series and while		1997 B. 1998 B.	A 127 5 1 5	21 - 5 25 5	승규는 것 가장 나는 것이다.	1912 A 112	116 19 7	1.1.1.1	17. J. M. M. M. M.	W. C. F. Course	. 818.1917-0	19. I C.A.	, orderi w	÷.
14	ハモハモル	化结构 使感激 。	114 (M. 118 M)	かん かま たい	1.1622.01.01	1995 AN 1998	1. March 11. 19	er i terre et	ふいたいため	10.014	X = 3.5 M	こうき うげや	St. Complete	61 APR - 14 - 1	ふどうともい	10 M H H	61 A. A. M. M. M.	1. 1.1.1.1.1.1.1	1967 - Drifte		6a - 1, 14		
C 193	1.5. 1. 2	10 C 10 C 10 C	1.1.1.1.1.1.1.1.1	A. 1997 I		1.1.1.1.1.1	1.101.001.001	943 a MARAN		さいいき さいごう	11 J. H. L.	1. 1. 1. 1.	12 1 11	5 - 64 <u>0</u> - 51						- 1 A 2 - 12			
172.4			S. 11 (1997)	ora: 136-13	1. 131A-199				1 M 4 M 1	- No. 1	문방법 문학		A	1	8 in 1 in 1				14 July 19 March	- 1 E - K		911 1 1 1 1	
10 A 2		1.1.00.00.14	- 1.5.7.291	10 IC 1 1 1	C 127, 14 1	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	1999 - A. M.	P. 20 ( 1122		er en el post po	19 DE M. 19 P.	1. C 1. N. N.	- C.S.C. 1925	an she an an sa		1111 <u>1</u> 1111	917 J. H	<ol> <li>1.32 million</li> </ol>	- CA 122 - 5	しょやく しょうし	ともとやいう		
- C	77777	TEM	A. 1999     A. 199     A	T35T	~ T \ 7 I		***	0777	~~ <i>~~</i>	······································	T T 1 / 2 T				~ ~				·				
$\sim c$	ວບກ	JECI		· P. IV U	- I IV	<b></b>		. 55 P. F	< V. I L	- H. S.	- H'(-) H		- H	L U X	O 21.	CYC 1	A T	TML	זחסנ	7177171	TATCH	1.	
1.5							ING						، ز. الشادان		U		JT	TLTE	TUN	/ 121911	7 M T		1.1
mar re	69 JUNES	ENGLIG THE L	1.1.121.1.22	· _ / ( ) · ·		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	e i ne specie	3.162.1.2	ごうせんど	11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	1999 - N. M.											ゴイントにつ	- 1 e î
14	101112	1. M. C. M. L. M.	- 10 (11) <sup>1</sup> 1 - 11 <sup>1</sup>	. היה	n a n n		/. TIMT	"NA "	· · · ·		7 % <b>/7</b> **	175 1./			-		· · · · · · · · · · · · · · · · · · ·	A		in a los line las		1,510 J.M.S.	
4° 11	2 1 X 2	10 11 15 15 P.	19-146 M Mile	· • • • •	ノロドノ	- IVI -	10 L 10 P	CIME - I	I n - 1	MAD	u A (÷ H		- H	H: P(1)	<b>D</b> .1.6	NIC Y	· · · 🖌		CUN	INCO	FT 00		
4.1	11 A.	S. 1. 1. 1. 1.	1 M.				(ITH				41701	42. N	J : 11.		T/T -	110	. 0	J		774 ( 7	- L.		
	18 - 26 J. MA	nde serie de	4.51.121	N2 1111	2145-1111-001	96 m T - F - F	· · · · · · · ·	・血・血液	A	C 1 1 1 1 1	(1) (1) (1) (1) (1) (1)	and the state	(c) (c) (c)	(1) (2) (2)	1 S S S S S	94 C - C - C	6 B B B		1.				
		SE 619 J. F.	the series	MET	נד חיי		79	· <b>1</b> · <b>1</b> · ·	101	11100 1111	16 a. 18 a. 18 a. 18	같은 것 같아요. 이	ALC: NOT STREET		1997 - N. N	フロクト ちょう	化进行控制	60 - C.		an An Argania			
10 Au	1999 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 -		11 A A A A A A A A A A A A A A A A A A	PILL		VL 7 -		· · / / ·		1	10 C 10 C 10		a terre de la companya de la company	1. Mar		and the second				- 11 - 14 H.	1 A.		
the state			1. K. P. P. L.					where the case of		1 S. 1 S. 2	111111111	1. K. 11. I	1976 - 197 <u>7</u> - 19	ST 15 19	- 18 Million (* 197					e 1 - 1 - 1 - 1 - 1	- Y 16 N 1		

## **RECOMMENDATION:**

1. THAT the Corporation of Burnaby enter into an Engineering Agreement with Robert F. Binnie Ltd. for the provision of all requisite engineering services for the design of the 1980 Local Improvement Program for both Projects "A" and "B" as outlined in the Municipal Engineer's Terms of Reference dated 79 11 19 for a total fee not to exceed \$42,177 excluding disbursements and in accordance with the proposal submitted by Robert F. Binnie Ltd., dated 79 12 03.

## REPORT

At its meeting of 79 12 10, Council tabled the above-mentioned Report Item.

With respect to the concern expressed by the Civic Union Local 23, we wish to advise Council that there is no feasible way for the Corporation to perform the required engineering services by Municipal forces. The Engineering Department had three meetings with representatives of Local 23 during October, at which time the subject of Municipal forces doing all or part of work such as Local Improvement Design was thoroughly discussed.

(cont'd)

175

ITEM 20 MANAGER'S REPORT NO. 85 COUNCIL MEETING <sup>1979</sup> 12 17

176

In point form, the pertinent factors to consider on this subject are:

(1) The Council has a policy calling for:

The utilization of outside engineering consultants for "complete engineering services" should be implemented by:

- (a) Obtaining immediate proposals for full service to complete the outstanding 1973 Local Improvement Works.
- (b) Using the year 1974 to phase in a complete ...
- (2) The Corporation is enjoying excellent response from consulting engineering firms in the provision of their services and the Corporation benefits financially to a very significant degree through the competitive action of the private firms. Also, private firms have a far larger "base" over which to spread their work load than does the Municipality and is thus less caught up in the "peaks" and "valleys" associated with availability of capital funds.
- (3) The production of completed works involves the elements of surveying, drafting, designing, contract supervision, and inspection. It is not economic to have some of these elements performed by the Corporation and some by private firms.
- (4) Further to point (3) above, all of the work elements should be centralized in one "body" in order to avoid problems of coordination, which are not only costly but also render the basic principle of authority and responsibility very difficult to be effectively exercised.
- (5) In the Foundation Company of Canada versus Burnaby Court case just recently concluded, one of our opponent's principle arguments was based on the lack of clear-cut lines of distinction between the Corporation's responsibility and that of the consultant. Our legal advisors considered the point to be of sufficient importance to have possibly figured prominently in the outcome of the case and as well prompted them to advise us to not split the responsibility on works of these kinds but rather to keep ultimate responsibility clearly confined to one "body".

Concerning the Local Improvement Program in general, one other completely different concern was expressed; this had to do with the matter of doing local improvement works fronting properties which could be the subject of future rezoning procedures. The following tabulation shows a "zoning analysis", which is the best indication that the staff has at the present time of foreseeable future changes which could affect a decision as to whether or not to proceed with a local improvement on the street at this time; as can be seen from the tabulation, there appears to be no justification to hold up any part of the program on the basis of this particular concern.

(cont'd)

20 ITEM 35 MANAGER'S REPORT NO. З COUNCIL MEETING 1979 12 17 - 11 m and 8.5 m. Residential with existing Clinton Royal Oak - Roslyn commercial at Royal Oak Avenue on north side - No anticipated changes. Delta - 11 m. Residential - No anticipated changes. Georgia - Frances Boundary - 10.6 m. Residential - No anticipated change ntlı - Avondale in zoning. Fell - 11 m. Residential - No anticipated changes. Hastings - Dundas 2nd Avenue - 11 m. Zone M3 - No anticipated changes. Gilmore - Ingleton Bond - 11 m. Residential - No anticipated changes Willingdon - Nelson (bus route). - 11 m. Residential - No anticipated changes Nelson Dover - Bond (bus route). - 11 m. Residential on east side would have Marlborough Sanders - lane (alley) to consolidate two lots + one on Sanders to . change - Apartment on west side completed. Difficult to anticipate when the one side would be changed in use. Marlborough - 11 m. Apartments completed on both sides. lane (alley) - Newton Grimmer Zoned RM3. Completed. - 11 m. Marlborough - Royal Oak Seller - 14 m. Zoned M4 - No change anticipated. Dorset - Imperial - 14 m. Merrit Zoned C4 and M4 - No change anticipated. Imperial - Dorset - 14 m. Shirley Zoned M4 - No change anticipated. Beresford - Dorset - 14 m. Zoned C4 and M4 - No change anticipated. Curragh Beresford - Dorset Arbroath - 14 m. Zoned M4 and P3 (school) - No Gilley - Conway change anticipated. Arbroath - 14 m. Zoned M4 - No change anticipated. Curragh - Cul-de-sac - 14 m. Zoned C7 and P3 - No change anticipated. Conway Arbroath - Kingsway

MUNICIPAL ENGINEER

4

177

· · · · · ·