

RE: CONTRACT #8313

PHILLIPS AVENUE/UNION STREET AND HARKEN DRIVE SUBDIVISION

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Sketches showing the areas in question are attached.

We expect to offer the lots for sale by public tender soon after the servicing has been completed in the two subdivisions.

MUNICIPAL MANAGER'S RECOMMENDATION:

1. THAT the recommendation of the Purchasing Agent be adopted.

\* \* \* \* \*

TO: MUNICIPAL MANAGER  
FROM: PURCHASING AGENT  
RE: CONTRACT #8313 - PHILLIPS AVENUE/UNION STREET  
AND HARKEN DRIVE SUBDIVISION

DATE: 1983 July 05

RECOMMENDATION:

1. THAT the lowest tender in the amount of \$318,972.70 submitted by Gosal Bros. Limited, be accepted with final payment based on actual quantities and unit prices tendered.

REPORT

Tenders for this project were received up to 15:00 h local time on Monday, 1983 July 04th.

The estimate for this project is \$423,000.

The work of this contract consists of the supply and installation of materials, including all labour, equipment plant and tools related to the construction of roads, sidewalks, storm sewers, sanitary sewers, water works, street lighting and B.C. Hydro and B.C. Telephone civil works in accordance with Municipal specifications for the development of two subdivisions.

Phillips Avenue / Union Street - 10 lots  
Harken Drive - 12 lots

All work included under this contract shall be completed within thirty-five (35) working days after commencement of construction.

Fifteen (15) tenders were received and opened in the presence of Municipal Staff and Representatives of the firms bidding.

A tabulation of the tenders received is attached. (ATTACH A.)

Funds for this project are included in the Land Assembly and Development section of the 1983 Capital Budget.

A combination of the schedule of quantities, coupled with the unit prices submitted by the lowest bidder, Gosal Bros. Limited, is also attached. (ATTACH. B1 - B8)

The Director Engineering concurs with the recommendation to award a contract to Gosal Bros. Limited.

  
K.F. Williams,  
PURCHASING AGENT.

KFW/gbw

c.c. Municipal Clerk  
Director Engineering  
Municipal Solicitor

THE CORPORATION OF THE DISTRICT OF BURNABY  
TABLATION OF TENDERS  
CONTRACT #8313  
PHILLIPS AVENUE/UNION STREET AND  
HARKEN DRIVE SUBDIVISION

PURCHASING DEPARTMENT  
 1983 July 04

NO.	COMPANY NAME	TOTAL
1.	Bel Construction Limited	\$ 359,165.00
2.	Coquitlam Excavating Limited	412,874.00
3.	Goodbrand Construction Limited	372,725.00
4.	C. Victor Koran Limited	458,385.00
5.	Hub Contracting Limited	356,847.30
6.	Atlantic Contractors Limited	337,507.75
7.	H.B. Contracting Limited	403,222.00
8.	Flash & Bang Electric Limited	336,336.31
9.	Gosal Bros. Contracting Limited	318,972.70
10.	Jack Cewe Limited	376,997.20
11.	Southwest Contracting Limited	388,363.25
12.	Corside Construction Limited	376,041.29
13.	Progressive Contracting (Langley) Limited	339,112.17
14.	Castle Concrete Limited	389,086.00
15.	Fownes Contracting (1980) Limited	349,149.45

LOWEST BIDDER:  
 Gosal Bros. Contracting Limited  
 4687 Byrne Road  
 Burnaby, B.C.  
 V5J 3H6  
 (604) 435-7232

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(ATTACH. A)

ITEM 1  
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(ATTACH. B-1)

THE CORPORATION OF THE DISTRICT OF BURNABY

CONTRACT #8313

SCHEDULE OF APPROXIMATE QUANTITIES AND UNIT PRICES

PHILLIPS AVE./UNION STREET AND HARKEN DRIVE SUBDIVISIONS

Quantities in this Schedule are approximate and for tender purposes only. Payment will be made on actual measured quantities of completed work units. Unit prices shall govern and extensions may be corrected if in error. Unit prices tendered shall be used for the purpose of comparison of tenders, for calculating progress payments or for authorized additional work or deductions and shall include the supply and delivery of all materials, labour, equipment and plant for complete installation or construction of items specified below. Refer to Special Provisions and General Specifications for definition and method of measurement.

ALL QUOTATIONS MUST BE TYPEWRITTEN OR IN INK

SECTION I - SITE PREPARATION

This section covers all excavation for surface works. Materials must be excavated, loaded and transported to on-site fill areas or disposed of, to qualify for payment under this section.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
1.	<u>Clearing and grubbing.</u>	--	--	Lump Sum	\$ 10,000.00
2.	<u>Danger trees</u>	each	10	\$ 40.00	400.00
3.	<u>Common excavation and disposal of excavated material</u>	--	--	Lump Sum	13,000.00
4.	<u>Rubble excavation.</u>	--	--	Lump Sum	5,000.00
5.	<u>Rock excavation encountered in site preparation - i.e., not in trenches</u>	Cu.metre	20	40.00	800.00
6.	<u>Rock excavation in under-ground utility trenches</u>	Cu.metre	20	50.00	1,000.00
<b>TOTAL SECTION I</b>					<b>\$ 30,200.00</b>



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SCHEDULE OF APPROXIMATE QUANTITIES AND UNIT PRICES

SECTION II - STORM AND SANITARY SEWERS (Cont'd)

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
12.	<u>Cleanouts - Storm and Sanitary</u>				
	Supply and install to depth required - See Std. Dwgs. L1154 and L1154A	each	3	\$ 800.00	\$ 2,400.00
13.	<u>Catch Basins - Supply and Install</u>				
(a)	Type II	each	1	475.00	475.00
(b)	Type V	each	6	450.00	2700.00
14.	<u>Catch Basin Leads -</u>				
(a)	150 mm diameter	metre	45	31.00	1395.00
(b)	200 mm diameter	metre	5	34.00	170.00
15.	<u>Remove or abandon existing catch basins</u>	each	1	100.00	100.00
16.	<u>Supply and Install drain tile including drain rock</u>				
	150 mm diameter	metre	420	17.00	7140.00
17.	<u>Construct Swale on Union/Phillips as shown on drawings</u>	Metre	170	10.00	1700.00
18.	<u>Installation of concrete outlet structure at Harken site - see Std. Dwg. L1489. Excluding screen</u>	--	--	Lump Sum	2500.00
19.	<u>Regrading and reshaping of existing watercourse as required and as directed</u>	metre	10	10.00	100.00
20.	<u>Rip-rap - supply and place as ordered</u>	tonne	10	20.00	200.00
				TOTAL SECTION II	\$78,687.20

SECTION III - WATER WORKS

This section includes all water works required. Unit prices are to include materials, excavation, bedding, backfilling and restoration where required. Imported granular backfill, where ordered, will be paid for under Section VII; otherwise payment is in accordance with Form VI of the General Specifications.

SCHEDULE OF APPROXIMATE QUANTITIES AND UNIT PRICES

SECTION III - WATER WORKS (Cont'd)

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
21.	<u>Main Line</u> 150 mm dia. D.I.	metre	425	\$ 45.00	\$ 19,125.00
22.	<u>Bends - Complete with Thrust Blocks</u>				
	(a) 150 mm dia 11-1/4° Tyt x Tyt	each	2	135.00	270.00
	(b) 150 mm dia 22-1/2° Tyt x Tyt	each	1	135.00	135.00
	(c) 150 mm dia 45° Tyt x Tyt	each	3	135.00	405.00
23.	<u>Gate Valves &amp; Covers</u>				
	(a) 150 mm Tyt x Tyt	each	1	415.00	415.00
	(b) 150 mm Tyt x FL	each	1	415.00	415.00
24.	<u>Service Connections - complete, 20 mm dia. per Std. Dwg. L700</u>	each	22	200.00	4,400.00
25.	<u>Fire Hydrant Assemblies, complete, including tee, valve, valve box, tie-rods and thrust blocks as per Std. Dwg. L691 or L707</u>	each	2	1,900.00	3,800.00
26.	<u>25 mm dia. Air Valve, including valve box as per Std. Dwg. L698</u>	each	1	1,500.00	1,500.00
27.	<u>Testing and Disinfecting</u>	--	--	Lump Sum	300.00
			TOTAL SECTION III		\$30,765.00

SECTION IV - ROADWORKS

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
28.	<u>Pit Run Gravel for road and sidewalk construction</u>	tonne	6700	\$ 6.00	\$40,200.00
29.	<u>75 mm Minus Crushed Gravel, if ordered</u>	tonne	200	7.50	1,500.00
30.	<u>Subgrade Preparation - tolerance +- 25 mm</u>	sq.metre	4200	.40	1,680.00
31.	<u>20 mm Minus Crushed Gravel to a minimum thickness of 75 mm for road and driveway construction</u>	sq.metre	3350	1.60	5,360.00

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SCHEDULE OF APPROXIMATE QUANTITIES AND UNIT PRICESSECTION IV - ROADWORKS (Cont'd)

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
32.	<u>Fine Grading of roadways and driveways - tolerance +- 6 mm</u>	sq. metre	3350	\$ .50	\$ 1,675.00
33.	<u>Combined Curb and Gutter, Type B or BX, curved or straight</u>	metre	605	25.00	15,125.00
34.	<u>Combined Curb Sidewalk, curved or straight</u>	metre	225	40.00	9,000.00
35.	<u>Adjust existing manhole covers</u>	each	3	50.00	150.00
36.	<u>Clean Existing Pavement, fill cracks and apply tack coat</u>	sq. metre	30	.70	21.00
37.	<u>Asphaltic Concrete, Type IV machine laid</u>	tonne	325	37.25	12,106.25
38.	<u>Asphaltic Concrete, Type V, machine laid</u>	tonne	325	37.25	12,106.25
39.	<u>Asphaltic Concrete, Type V, hand laid</u>	tonne	5	72.00	360.00
40.	<u>Boulevard Grading to a tolerance of +- 50 mm</u>	sq. metre	4500	1.10	4,950.00
			TOTAL SECTION IV		\$104,233.50

SECTION V - STREET LIGHTING WORKS

Unit prices are to include all necessary excavation, bedding, supply of material, installation, backfilling and compaction for the items listed. Granular backfill, where ordered, will be paid for under Section VII.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
41.	<u>Supply and Install P.V.C. Conduit</u>	metre	300	\$ 7.00	\$ 2,100.00
42.	<u>Supply and Install Wiring from service boxes and between all pole bases.</u>				
	(a) 2 - #6 T.W.H feeders with				
	1 - #8 T.W.H. green ground	metre	120	2.50	300.00
	(b) 3 - #6 T.W.H. feeders with				
	1 - #8 T.W.H. green ground	metre	180	2.90	522.00

SCHEDULE OF APPROXIMATE QUANTITIES AND UNIT PRICES

SECTION V - STREET LIGHTING WORKS(Cont'd)

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
43.	<u>Supply and Install Poles and Pole Bases.</u>				
(a)	7.62 m high, complete	each	5	\$675.00	\$ 3,375.00
(b)	6.71 m high, complete, including distribution base	each	2	1870.00	3,740.00
	TOTAL SECTION V				\$10,037.00

SECTION VI - B. C. HYDRO AND B. C. TELEPHONE CIVIL WORKS

Unit prices are to include all necessary excavation, bedding, supply of material unless otherwise specified, installation, backfilling and compaction for the items listed. Granular backfill, where ordered, will be paid for under Section VII.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
44.	Pick up, deliver and install B. C. Hydro ducting, including bends and caps.				
(a)	75 mm dia. mainline	metre	950	\$ 18.00	\$ 17,100.00
(b)	75 mm dia. service ducts	metre	200	18.00	3,600.00
45.	Pick up, deliver and install B. C. Hydro service boxes	each	7	90.00	630.00
46.	Supply and install B. C. Hydro kiosk pads, "M type"	each	3	150.00	450.00
47.	Pick up, deliver and install B. C. Hydro kiosk - 6759-J	each	1	195.00	195.00
48.	Supply and install B. C. Hydro pull box, Type 2	each	2	900.00	1,800.00
49.	Supply and install B. C. Telephone ducting, including bends and caps.				
(a)	75 mm dia. main line	metre	1050	4.50	4,725.00
(b)	25 mm dia. services	metre	200	4.25	850.00



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SCHEDULE OF APPROXIMATE QUANTITIES AND UNIT PRICES

SECTION VI - B. C. HYDRO AND B. C. TELEPHONE CIVIL WORKS (Cont'd)

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
50.	Supply and install B. C. Telephone concrete service box, Type 66 BE	each	4	\$ 100.00	\$ 400.00
51.	Supply and install B. C. Telephone fibreglass service box, 900 mm dia.	each	6	90.00	540.00
52.	Concrete encasement	metre	44	40.00	1,760.00
TOTAL SECTION VI					\$32,050.00

SECTION VII - MISCELLANEOUS AND CONTINGENCY WORK

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Total</u>
53.	Imported Pit Run granular backfill for underground utility trenches	tonne	600	\$ 5.00	\$ 3,000.00
54.	<u>Contingency Work</u>				
	Payment to be made as per Section 40 of the General Conditions	--	Provisional Sum	--	30,000.00
TOTAL SECTION VII					\$33,000.00

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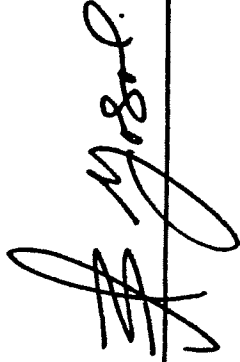
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PHILLIPS AVE./UNION STREET AND HARKEN DRIVE SUBDIVISIONS

TENDER SUMMARY

Site Preparation	Section I	\$ 30,200.00 ✓
Storm and Sanitary Sewers	Section II	\$ 78,687.20 ✓
Water Works	Section III	\$ 30,765.00 ✓
Roadworks	Section IV	\$ 104,233.50 -
Street Lighting Works	Section V	\$ 10,037.00 ✓
B.C. Hydro and B.C. Telephone		
Civil Works	Section VI	\$ 32,050.00 ✓
Miscellaneous and Contingency		
Work	Section VII	\$ 33,000.00 ✓
	TOTAL TENDER	\$ 318,972.70 ✓

TENDERER:



Gosal Bros. Contracting Ltd.  
4687 Byrne Road,  
Burnaby.



D.A. 5/3/82

S.D. REC FILE 63/1

ZONING & I.R.A.

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SKETCH NO. 6

HARKEN DRIVE (GRASSMERE)

SCALE = 200'  
1976 C.O. C.W.

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