

RE: CONTRACT NO. 8610  
CENTRAL BOULEVARD ROAD CONSTRUCTION

MUNICIPAL MANAGER'S RECOMMENDATION:

1. THAT the recommendation of the Director Finance be adopted.

\* \* \* \* \*

1986 May 21

TO: MUNICIPAL MANAGER  
FROM: DIRECTOR FINANCE  
RE: CONTRACT NO. 8610  
CENTRAL BOULEVARD ROAD RECONSTRUCTION

RECOMMENDATION

1. THAT a contract be awarded to the lowest bidder, Jack Cewe Ltd., to perform the subject work for a total cost of \$552,319.52, with final payment based on actual quantities and unit prices tendered.

REPORT

Tenders for this project were received up to 3:00 p.m. local time Tuesday, 1986 May 20.

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 roadworks, storm sewers and street lighting on Central Boulevard between Sussex Avenue and Imperial Street and in accordance with municipal specifications.

All work under this contract shall be completed within fifty-six (56) consecutive calendar days after the Corporation's notice to proceed.

The Director Engineering's estimate for the project is \$525,000.00.


Eight (8) 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 (Attachment A).

A copy of the schedule of approximate quantities and unit prices submitted by the lowest bidder, Jack Cewe Ltd., is also attached (Attachment B).

Funds for this project are in place.

The Director Engineering and our consultant, McElhanney Engineering Services Ltd., concur with the above recommendation.

  
for  
Howard Karras  
DIRECTOR FINANCE

Attach.

cc: Director Engineering

ITEM 15  
MANAGER'S REPORT NO. 35  
COUNCIL MEETING 86/05/26

1986 MAY 20

THE CORPORATION OF THE DISTRICT OF BURMABY

TENDER TABULATION

CONTRACT #8610

CENTRAL BOULEVARD ROAD RECONSTRUCTION

TENDER TOTAL	\$585,478.00	
	\$639,728.97	
	\$556,742.80	
	\$567,020.37	
	\$552,319.52	▶
	\$623,818.00	
	\$598,229.40	
	\$623,369.15	

BIDDER

1. United Contractors Ltd.
2. H.B. Contracting Ltd.
3. B.A. Blacktop
4. Progressive Contracting (Langley) Ltd.
5. Jack Cewe Ltd.
6. Winvan Paving Ltd.
7. Imperial Paving Ltd.
8. Gosal Construction Ltd.

LOW BIDDER

Jack Cewe Ltd.  
P.O. Box 1100  
Coquitlam, B.C.  
V3J 6Z7

ITEM 15  
MANAGER'S REPORT NO. 35  
COUNCIL MEETING 86/05/26

ATTACHMENT "A"

## THE CORPORATION OF THE DISTRICT OF BURNABY

SCHEDULE OF APPROXIMATE QUANTITIES

CONTRACT #8610

ITEM	15
MANAGER'S REPORT NO.	35
COUNCIL MEETING	86/05/26

CENTRAL BOULEVARD RECONSTRUCTION

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 of all materials, labour, equipment and plant for complete installation or construction of items specified below. All items and quantities listed are considered provisional and may be increased or decreased as directed by the Engineer. Refer to Special Provisions and General Specifications for definition and method of measurement.

ALL QUOTATIONS MUST BE TYPEWRITTENSection I: SITE PREPARATION

This section covers all excavation for surface works. Materials described must be excavated, loaded, hauled and disposed of off-site to qualify for payment under this section.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
1.	Clearing and Grubbing	L.S.			\$ 5,650.00
2.	Common excavation & disposal of excavated materials off-site.	cu. m	5,550	\$ 8.74	\$ 48,507.00
3.	Rock excavation & disposal. Provisional.	cu. m	20	\$ 113.00	\$ 2,260.00
TOTAL SECTION I					\$ 56,417.00

Section II: ROADWORKS

This section covers the supply and installation of all materials plus the labour and equipment required to construct all roadways in accordance with the drawings and specifications and as directed by the Engineer.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
1.	Subgrade preparation - grading, shaping & compacting for roadways.	m <sup>2</sup>	9,200	\$ 0.34	\$ 3,128.00
2.	Supply and install pitrun gravel for road fill.	tonne	6,500	\$ 6.90	\$ 44,850.00
3.	Supply and install 75 mm minus crushed gravel base course, 75 mm thickness.	m <sup>2</sup>	9,200	\$ 1.61	\$ 14,812.00
4.	Supply and install 20 mm minus crushed gravel surface course, 75 mm thickness.	m <sup>2</sup>	9,200	\$ 1.73	\$ 15,916.00

continued ...

Section II: ROADWORKS (contin

Item	Description	Unit	Quantity	Unit Price	Amount
5.	Gravel shoulder.	m <sup>2</sup>	-	\$ 10.00	\$ -----
6.	Supply and install asphaltic concrete for road, 190 mm thickness 745 m <sup>2</sup>	tonnes	3,650	\$ 41.10	\$ 150,015.00

**135**

**TOTAL SECTION II:**

**\$ 228,721.00**

Section III: CURB, GUTTER, SIDEWALK AND BOULEVARD WORKS

This section covers supply and installation of all materials, workmanship and equipment, to place sidewalks, curbs and gutters, medians, sodding and seeding of boulevards as directed by the Engineer in accordance with the drawings and specifications.

Item	Description	Unit	Quantity	Unit Price	Amount
1.	Combined curb and gutter Type A or AX, curved or straight, including vertical adjustment of catchbasins.	lin. m	1,015	\$ 26.28	\$ 26,674.20
2.	Asphaltic concrete extruded curb. (Type 'CX')	lin. m	10	\$ 10.00	\$ 100.00
3.	Boulevard and open space grading including supply and placement of 100 mm topsoil.	m <sup>2</sup>	4,950	\$ 2.37	\$ 11,731.50
4.	Sodding.	m <sup>2</sup>	950	\$ 4.52	\$ 4,294.00
5.	Seeding.	m <sup>2</sup>	4,000	\$ 0.63	\$ 2,520.00
6.	Concrete sidewalk including excavation and granular base.	m <sup>2</sup>	890	\$ 18.78	\$ 16,714.20
7.	Asphalt sidewalk including excavation and granular base.	m <sup>2</sup>	30	\$ 13.37	\$ 401.10
8.	Concrete driveway crossing including excavation and granular base.	m <sup>2</sup>	35	\$ 36.86	\$ 1,290.10
9.	Concrete wheel chair ramps.	ea.	10	\$ 84.75	\$ 847.50
10.	Concrete median curb.	m	840	\$ 12.08	\$ 10,147.20
11.	Median construction including supply and placement of all gravels and topsoil between median curbs.	m <sup>2</sup>	1,190	\$ 5.60	\$ 6,664.00

**TOTAL SECTION III**

**\$ 81,383.80** ✓

Section IV: MISCELLANEOUS ROAD AND BOULEVARD WORKS

This section covers the removal and relocation or disposal off-site of existing miscellaneous material within the road right-of-way. Also included is the restoration of walkways and driveways as directed by the Engineer in accordance with design plans and specifications.

**Section IV: MISCELLANEOUS ROAD AND BOULEVARD**

ITEM 15  
MANAGER'S REPORT NO. 35  
COUNCIL MEETING 86/05/26

Item	Description	Unit	Quantity	Unit Price	Amount
1.	Saw cut existing asphalt.	m	110	\$ 3.39	\$ 372.90
2.	Saw cut existing concrete sidewalk or curb and gutter.	m	10	\$ 11.30	\$ 113.00
3.	Scarify existing asphalt.	m <sup>2</sup>	110	\$ 11.30	\$ 1,243.00
\$.	Remove and dispose of:				
	a) Existing asphalt.	m <sup>2</sup>	1,765	\$ 1.95	\$ 3,441.75
	b. Concrete curb & gutter.	m	125	\$ 9.56	\$ 1,195.00
	c. Asphalt curb and gutter.	m	290	\$ 5.02	\$ 1,455.80
	d. Concrete sidewalk.	m <sup>2</sup>	145	\$ 6.67	\$ 967.15
	e. Rock Barriers	ea.	21	\$ 56.50	\$ 1,186.50
	f) Log guard rail.	m	45	\$ 11.30	\$ 508.50
	g) Concrete no post guard rail. (Provisional)	m	18	\$ 17.58	\$ 316.44
	h) Remove railway spur line and ties.	m	45	\$ 41.86	\$ 1,883.70
	i) Trees.	ea.	27	\$ 226.00	\$ 6,102.00
5.	Remove and relocate fence.	m	10	\$ 33.90	\$ 339.00
6.	Restore concrete walks to properties.	m <sup>2</sup>	10	\$ 45.20	\$ 452.00
7.	Restore driveways.				
	a) Concrete.	m <sup>2</sup>	5	\$ 46.00	\$ 230.00
TOTAL SECTION IV:					\$ 19,806.74

**Section V: STORM SEWERS**

This section includes all storm drainage works required. Unit prices are to include excavation, bedding, pipe laying and backfilling with imported granular materials. Payment is in accordance with Form V of the General Specifications except as noted in the Special Provisions.

The unit prices tendered shall include the supply of all labour, materials and equipment to perform storm works directed by the Engineer in accordance with the design plans and specifications..

continued ...

**Section V: STORM SEWERS (cont)**

ITEM 15

MANAGER'S REPORT NO. 35

COUNCIL MEETING 86/05/26

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
1.	300 mm dia. storm sewer. All depths. (Import backfill)	lin. m	184	\$ 135.72	\$ 24,972.48
2.	Supply and install manholes. Depth measured from centre invert to underside of MH frame. a) 1050 mm $\emptyset$	vert. m	4.5	\$ 735.00	\$ 3,307.50
3.	Catchbasins and clean out. Supply and install. Type V L1154	each each	17 1	\$ 525.00 \$ 1050.00	\$ 8,925.00 \$ 1,050.00
4.	Catchbasin leads, all depths. Supply and install. a) 150 mm $\emptyset$	lin. m	210	\$ 63.00	\$ 13,230.00
5.	Remove and dispose of existing catchbasin and plug lead.	ea.	4	\$ 210.00	\$ 840.00
6.	Relocation of existing catchbasin.	each	1	\$ 630.00	\$ 630.00
7.	Supply and install sidewalk tile train c/w drain rock and connections to CB's.	m	390	\$ 15.75	\$ 6,142.50
8.	Adjustment of existing manholes.	each	7	\$ 150.00	\$ 1,050.00
9.	Adjustment of existing valve boxes.	each	9	\$ 52.50	\$ 472.50
10.	300 mm $\emptyset$ sewer pipe conc. Class IV	lin. m	96	\$ 105.00	\$ 10,080.00
11.	Remove existing manhole.	each	1	\$ 315.00	\$ 315.00
12.	Remove existing culvert	lin. m	50	\$ 11.00	\$ 550.00
<b>TOTAL SECTION V:</b>					<b>\$ 71,564.98</b>

**Section VI: STREET LIGHTING AND SIGNALS**

The following listed items include various street lighting or signal works necessary to be completed prior to pavement of roads or installation of boulevard furniture. The lump sum price is to include all necessary excavation, bedding, supply of material, installation, backfilling, compaction, site restoration and any other equipment or workmanship to construct the items detailed on Drawings SL6 and TL7.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
1.	Lump sum price for supply and installation of street lighting and traffic signals	S.L.		\$	\$ 59,426.00
<b>TOTAL SECTION VI:</b>					<b>\$ 59,426.00</b>

Section VII: MISCELLANEOUS AND CONTR

ITEM 15  
MANAGER'S REPORT NO. 35  
COUNCIL MEETING 86/05/26

<u>Unit</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
1.	Contingency work payment to be made per Section 40, General Conditions.				
				Provisional	
				Sum	\$35,000

THE CORPORATION OF THE DISTRICT OF

ITEM

15

MANAGER'S REPORT NO. 35

COUNCIL MEETING

86/05/26

CONTRACT #8610

CENTRAL BOULEVARD CONSTRUCTION

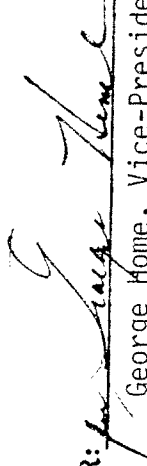
TENDER SUMMARY

139

Site Preparation	Section I	\$ 56,417.00
Roadworks	Section II	\$ 228,721.00
Curb and Gutter, Sidewalk and Boulevard Works	Section III	\$ 81,383.80
Miscellaneous Road and Boulevard Works	Section IV	\$ 19,806.74
Storm Sewers	Section V	\$ 71,564.98
Street Lighting and Signals	Section VI	\$ 59,426.00
Miscellaneous and Contingency Work	Section VII	\$35,000.00
	TOTAL TENDER	\$ 552,319.52

Jack Cewe Ltd.

TENDERER:



George Home, Vice-President, Finance.