

SCHEDULE OF PRICES

ITEM NO.	ITEM	OPSS NO.*	EST QTY.	UNIT	UNIT PRICE	TOTAL AMOUNT
	Part "C" - Storm and Ditch					
1	Ditch Excavation along Clark Road					
	i) Ditch Excavation (±0.9m deep)		745	m		
	ii) Ditch Excavation (±0.3m deep)		2315	m		
2	Supply and install 250mm perforated HDPE pipe smooth wall c/w sock and clear stone cover					
	i) Clear stone up to bottom of ditch (from ± 2+025 to ± 2+150)		125	m		
	ii) 0.30m clear stone cover		1115	m		
3	Supply and install 45° clean out c/w detectable cap, bend and location sign		13	each		
4	Supply and install 1.5m - 300mm CSP rodent screen		1	each		
5	Supply and install a 250mm subdrain cap		1	each		
6	Supply and place 1.5m long 100-200mm Gabion stone pit		25	each		
7	Supply and install culvert for driveway	421				
	i) 450mm dia. - 210 kPa HDPE Smooth Wall		78	m		
8	Supply and install culvert for road crossing c/w full road reinstatement	421, S.P.				
	i) 600mm dia. - 320 kPa HDPE Smooth Wall (2+265, 2+384, 2+982 and 3+465)		44	m		
9	Supply and install 250mm perforated HDPE pipe smooth wall for road crossing c/w sock, clear stone, cutt-off-wall, bend, cap, filter fabric, gabion stone pit and road reinstatement					
	i) ±15.0m long subdrain and 1.5m long gabion stone pit		9	each		
	ii) ±20.0m long subdrain and 6.5m long gabion stone pit		2	each		
10	T.V. Inspection and report (1 only)		1	L.S.		
	PROVISIONAL ITEM					
11	Subexcavation for pipe		55	m ³		

SUB-TOTAL PART "C" _____

TENDERER'S INITIAL _____

10. SEWER CONSTRUCTION

- (a) Under the unit prices bid for the installation of sewers and appurtenances, the Contractor shall provide all equipment, labour and material necessary to excavate, place compacted Class "A" or Clear Stone bedding, provide bulkheads, place sewers and structures, backfill material specified on plan "150802-2-TD1", as per municipal standards and dispose of all excess excavated material off site. All pipe material shall be as noted on the Contract Drawings.
- (b) Reinstatement of trench cuts into existing streets shall be to the satisfaction of the road authority and to a minimum of clear stone up to the bottom of the road structure, Granular "B" type II material must be placed to match the existing conditions, 150mm OPSS 1010 Granular "A" material at no extra cost to this contract. The reinstatement shall include saw cutting of asphalt as required.

11. SERVICES TO LOT LINE

N/A

12. SEWER CLEANING AND T.V. INSPECTION

Prior to the granting of substantial performance, the Contractor shall be required to clean out and perform a T.V. inspection on all sewers greater than 200 mm diameter for the complete length of sewers constructed. Since it is important to establish the value of "known defects" as described in the Construction Lien Act, the certification of substantial performance shall not be granted prior to receiving the T.V. inspection reports.

The Owner, the Engineer and the City shall be notified at least 24 hours prior to commencement of the T.V. inspection and the Contractor shall ensure that representatives from the City and the Engineer are available to monitor and approve all phases of the T.V. inspection.

The Contractor shall perform the T.V. inspection immediately after the base course pavement is completed or be responsible for any debris in the pipe until such time as the T.V. inspection is performed. No T.V. inspection report will be accepted where the sewer system is contaminated with dirt.

Where required by the City, the Contractor shall supply a permanent video report of the T.V. inspection which includes:

- (a) A written report giving a list of all service connections (identifying catchbasin connections) with a picture and description of deficiencies only (with video tape footages listed in the report for easy cross reference).
- (b) A visual footage of the distance the camera is in the pipe be provided continuously throughout the tape. This description is to be done using the manhole numbers listed on the design drawings.

All deficiencies of the system that are, in the opinion of the Engineer, detrimental to the proper operation of the system, will be repaired by the Contractor at no extra cost to this contract. Two complete sets of the written T.V. inspection report shall be supplied to the Engineer.

The unit price for subdrains shall include all costs to supply and place in accordance with the governing municipality standards, perforated HDPE 250mm diameter smooth wall pipe complete with filter sock in accordance with OPSS 405 to be installed to grade as shown on the Contract drawings. The unit price for this item shall also include the supply and placement of clear stone as specified in the Schedule of Prices of this Contract.

32. CSP C/W RODENT SCREEN

As per the Contract drawings, 1.5m long of 300mm diameter CSP pipe complete with Rodent Screen shall be placed at every subdrain outletting in a ditch.

33. FILTER CLOTH

N/A

34. TRAFFIC CONTROL

Tenderers are advised that it will be essential that local traffic flow be maintained during the entire construction period. Access to existing adjacent streets must be available at all times.

Maintenance of road cuts and provision of flag persons, detours as necessary, traffic control plan, barricades and signs to the full satisfaction of the Engineer, Municipality and the Owner shall be the Contractor's responsibility and at his expense. Restoration of the trenches in the existing roads will be made as soon as possible.

Until acceptance of the entire project, the Contractor shall be responsible for maintenance and upkeep to the Owner's satisfaction.

35. BOULEVARD/DRIVEWAY REINSTATEMENT

Include cost to reinstate the existing boulevards in the appropriate items. Boulevard reinstatement shall be in a state equal or better than before the contractor's activities. Where sod already exists along existing residences, it shall be reinstated with 100mm of top soil and hydroseeding. The contractor is responsible to maintain the grass until such grass has grown to an adequate height to stimulate additional growth. Asphalt driveways shall be reinstated with granular 'A' and 50 mm of driveway mix, unless found otherwise. Gravel driveways shall be reinstated with granular 'A', unless found otherwise. All driveways will be reinstated with 2H:1V cross-sectional slopes from finished grade to top of culvert.

36. SETTING OUT

The Contractor will be responsible for ALL layout from information supplied on the Drawings and SIB's in the field. He will set his own batter boards or sight lines from bench marks supplied by the Engineer.

It is emphasized that the Contractor must exercise extreme care in setting invert grades. The Contractor shall work to sufficient precision to ensure that every point in the sewer invert will be set within a vertical tolerance of 5mm of the correct elevation.

Should inspection by the Engineer or Inspector reveal an error greater than the said tolerance, the Contractor shall, at his own expense, rectify such error to the satisfaction of the Engineer.

The contractor shall submit a plan to the engineer showing all as-built information in order for the engineer to prepare the final as-built drawing.