



**THE CORPORATION OF THE CITY OF WINDSOR
OFFICE OF THE CITY SOLICITOR**

ALEX VUCINIC

Manager of Purchasing

Elaine Castellan

Purchasing Supervisor

(519) 255-6272

TELEPHONE NUMBER

**ADDENDUM NO. 1
TENDER NO. 124-20
PLACEMENT OF SURFACE ASPHALT/COLD MILLING & ASPHALT PAVING**

September 8, 2020

This addendum amends and forms part of the Tender Documents. The bidder shall insert the addendum behind the cover page of the Tender Documents.

REVISION TO SPECIFICATIONS:

MANDATORY CONTRACT TERMS

2. LIQUIDATED DAMAGES

It is understood and agreed that the Contractor will not commence or proceed with the Work hereinbefore described or any part thereof, unless and until the Contractor has been instructed in writing to do so.

The Contractor further covenants and agrees to undertake and complete the said Work in a proper workmanlike manner under the supervision and direction and to the entire satisfaction of the Corporation's City Engineer before the expiration from the specified Completion Due By date as outlined in Special Information for each street location and subject always to the liquidated damages provisions. For greater clarity the Contractor shall pay the Corporation the sum of Two Hundred Fifty Dollars (\$250.00) for liquidated damages for each and every Working Day's delay beyond the Completion Due By date.

The Owner may deduct any amount due under liquidated damages from any monies that may be due or payable to the Contractor on any account whatsoever. The liquidated damages payable under this paragraph are in addition to and without prejudice to any other remedy, action or other alternative that may be available to the Owner.

The Contractor shall not be assessed with liquidated damages for any delay caused by Acts of God, or of the Public Enemy, Acts of the Province or of any Foreign State, Fire, Flood, Epidemics, Quarantine Restrictions, Embargoes or delays of sub-contractors due to such causes.

If the time available for the completion of the work is increased or decreased by reason of Change Order or Change Directive, the deadline shall be increased or decreased as determined by the Owner.

REVISED AND ATTACHED:

Special Information (5 pages)

Special Provisions (11 pages)

Schedule of Unit Prices (2 pages)

Except for the contents of this addendum, all other terms and conditions of this tender remain the same.

END OF ADDENDUM NO. 1

Yours truly,

THE CORPORATION OF THE CITY OF WINDSOR

Elaine Castellan

Elaine Castellan
Purchasing Supervisor

EC/jm

**ADDENDUM NO. 1
TENDER NO. 124-20
PLACEMENT OF SURFACE ASPHALT/COLD MILLING & ASPHALT PAVING**

September 8, 2020

I hereby acknowledge receipt of Addendum No. 1 to the Tender No. 124-20 (21 pages).

The information contained therein is hereby noted and account of same will be taken in our tender cost.

This information was received on the _____ day of _____, 20_____.

Signature

Name (Printed)

Company Name

***NOTE: You are required to acknowledge this addendum with your TENDER submission.**

**PLEASE EMAIL TO @ purchasing@citywindsor.ca SIGNED ACKNOWLEDGEMENT
SHEET ASAP**

Attn: Purchasing Department

**City of Windsor
Public Works Department – Operations Branch**

**PLACEMENT OF SURFACE ASPHALT /
COLD MILLING & ASPHALT PAVING
TENDER NO. 124-20**

Special Information to Tenderers

INDEX

ITEM	DESCRIPTION	PAGE
1.	Location & Description of Work ADDENDUM#1	1
2.	Quantities	1
3.	General Coordination	2
4.	Materials	2
5.	Drawings	2
6.	Utilities	2
7.	Maintenance Period	2
8.	Labour Conditions	3
9.	Employment	3
10.	Certificate of Substantial Performance	3
11.	Required Submissions for DMAF Projects	3

SPECIAL INFORMATION TO TENDERERS

1. Location & Description of Work ADDENDUM#1

Generally the proposed work will consist of the placement of surface asphalt and the cold milling and asphalt paving on the streets listed below:

STREETS RECONSTRUCTED TO BE PAVED WITH SURFACE ASPHALT			
STREET	FROM	TO	COMPLETION DUE BY
Memorial (inc. trail)	Vimmy	Marentette	December 2020
Connaught	Prince	Felix	June 2021
St Luke	Seminole	ETR Tracks	December 2020
Church	Caroline	Giles	July 2021
Logan	McDougall	Howard	August 2021
Mercer	Hyde	Lens	August 2021
Foch	McDougall	Howard	August 2021
Grand Marais	Dougall	Dominion	October 2021
Louis	Erie	Niagara	November 2020
Belle Isle View*	Wyandotte	St Rose	December 2020
Pilette	Seminole	South National	December 2020
Francois	Seminole	Alice	September 2021
Reginald	Francois	Ellrose	September 2021
Alice	East of Francois	West of Francois	September 2021
Cadillac	Tecumseh	Alice	October 2021
Norman	Adstoll	Tecumseh	September 2021
California	Norfolk	Pulford	August 2021
Pulford	California	Northway	August 2021
Adanac	Mckay	Campbell	October 2021
Curry	Grove	Adanac	October 2021
Mckay	Grove	Adanac	October 2021

*DMAF requirements to be followed

STREETS TO BE COLD MILLED AND PAVED			
STREET	FROM	TO	COMPLETION DUE BY
Victoria**	Tecumseh	Jackson	November 2020
Louis**	Niagara	Cataraqui	November 2020

**Mill depth of 40mm single lane only

2. Quantities

The quantities shown in this tender are strictly for the purpose of extending unit prices and arriving at a final figure for comparison between tenders. There is no guarantee, given or implied, that the quantities represent the maximum or minimum amount of work. The

successful bidder may be called once or any number of times during the duration of the contract to carry out a service and no claim for extra payment will be entertained on the basis of work volume being minimal or extreme.

3. General Coordination

The Contractor is advised that as other work will be in progress within or adjacent to the limits of this Contract, he shall cooperate with other Contractors and utility companies and they shall be allowed free access to their work at all times. The Manager of Contracts reserves the right to alter the method of operations on this contract so as to avoid interference with other work.

4. Materials

All materials for the work will be supplied by the Contractor.

5. Drawings

City of Windsor Standard Drawings shall apply to this tender and will become part of this contract. Standard Specifications can be found on the City of Windsor website at www.citywindsor.ca

6. Utilities

The City will issue Purchase Orders to the Utility Agencies for permanent relocation necessitated by the proposed work but the Tenderer, will be completely responsible for coordinating all utility relocations, permanent or temporary, with the Utility Agencies. No claims will be accepted by the Corporation for any additional cost incurred by the Tenderer resulting from the delay by Utility Agencies in relocating utilities. The City will not be liable for the cost of temporary relocations necessitated by the proposed work. The following is a list of appropriate Utility Agencies:

- EnWin Utilities Limited, 4545 Rhodes Drive, P.O.Box 1625 Stn. A, N9A 5T7
- Windsor Utilities Commission, 4545 Rhodes Drive, P.O. Box 1625 Stn.A, N9A 5T7
- Union Gas, 3840 Rhodes Drive, N9W 5C2
- Bell Canada, 1149 Goyeau Street, N9A 1H9
- Cogeco Cable, 2525 Dougall Avenue, N8X 5A7

7. Maintenance Period

The period of maintenance for the works shall be one year as outlined in the General Conditions of this Contract.

8. Labour Conditions

- a) The Labour Conditions set out in this Contract are subject to the Industrial Standards Act, the Employment Standards Act, the Occupational Health & Safety Act and the regulations made pursuant thereto, all as may be amended from time-to-time.
- b) The Tenderer shall pay at least the minimum wages for this Contract in accordance with rates established by the Ministry of Labour for the Windsor Zone.
- c) The minimum wage rates are subject to revision by the Ministry of Labour and the applicable minimum wage rates at any given time shall be paid by the Successful Tenderer.
- d) Any increase in costs incurred by a change in the minimum wage rates shall be borne by the Successful Tenderer.

9. Employment

The Contractor or any Sub-Contractor of the Contract will,

- a) employ only residents of Canada, who are qualified to do the assigned work.
- b) in employing persons, refrain from discriminating against any person by reason of their race, religious views, political affiliations or sex.

Whenever female staff is employed, approved separate washroom facilities shall be provided by the Contractor at his expense.

10. Certificate of Substantial Performance

Publication of the Certificate of Substantial Performance must be in a construction trade paper having circulation throughout Ontario for the publication to be in compliance with the Construction Act.

11. Required Submissions for DMAF Projects

On DMAF related projects as indicated, the Contractor will be required to follow all requirements indicated in this tender. The Contractor will provide the Owner with a monthly summary of:

- a) any and all Equipment on site (per table below). This is required at the end of every month prior to the process of the progress certificate. It is the Contractor's responsibility to track and submit these values at no cost to the City. The information provided in this table will be released to the Federal Government.

Equipment Type	Year	Engine Tier (Tier 0 through 4)	Horsepower	Progress Certificate 1		Progress Certificate 2		Progress Certificate ...	
				Fuel Used	Hour-run Time	Fuel Used	Hour-run Time	Fuel Used	Hour-run Time
Example									
Excavator	2018	Tier 4	500						
Loader									
Etc.									

The successful Proponent/Bidder agrees to the following terms and conditions and shall ensure:

- a. that proper and accurate financial accounts and records, including but not limited to its Contracts, invoices, statements, receipts, and vouchers, in respect of the Project, are kept and maintained until **March 31, 2034**;
- b. compliance with all applicable Requirements of Law, including without limitation, labour, environmental, and human rights legislation; and
- c. that Canada, the Auditor General of Canada, and their designated representatives, to the extent permitted by law, will at all times be permitted to inspect the terms and conditions of the Contract and any records and accounts respecting the Project and will have reasonable and timely access to the Project sites and to any documentation relevant for the purpose of audit.

Access. The successful Proponent/Bidder will provide Canada and its designated representatives with reasonable and timely access to the Project sites, facilities, the successful Proponent/Bidder premises and any documentation for the purposes of audit, inspection, monitoring, evaluation, and ensuring compliance with this Agreement.

Record Maintenance and Audit. The successful Proponent/Bidder will keep and maintain proper and accurate financial accounts and records, including but not limited to its Contracts, invoices, statements, receipts, and vouchers, in respect of the Project until at least **March 31, 2034**. Canada may, at its discretion, conduct an audit related to this Project during the term of this Agreement, and at any time up to **March 31, 2030**, in accordance with the Canadian Auditing Standards.

Community Employment Benefit. The successful Proponent/Bidder will report on community employment benefits provided to federal target groups and submit to the City with each payment certificates/invoice until project completion.

**City of Windsor
Public Works Department – Operations Branch**

**PLACEMENT OF SURFACE ASPHALT /
COLD MILLING & ASPHALT PAVING
TENDER NO. 124-20**

**Special Provisions
INDEX**

ITEM	DESCRIPTION	PAGE
1.	Schedule of Work	1
2.	Additions & Deletions	1
3.	Removal Of Workers	1
4.	Occupational Health & Safety	1
4.	Occupational Health & Safety (Cont'd.)	2
5.	Materials	2
6.	Hot Mix Asphalt - Quality	2
7.	Asphalt Cement (Liquid Asphalt) Price Adjustment ADDENDUM #1	3
7.	Asphalt Cement (Liquid Asphalt) Price Adjustment (Cont'd.)	4
8.	Tack Coat	4
9.	Hourly Rates for Equipment & Personnel	4
9.	Hourly Rates for Equipment and Personnel (Cont'd.)	5
10.	Hand Work	5
11.	Parked Vehicles and the Posting of "NO PARKING" Signs	5
12.	Preparation	5
13.	Traffic Control Requirements	5
13.	Traffic Control Requirements (Cont'd.)	6
14.	Cold Milling	6
15.	Sawcutting	6
16.	Removal and Replacement of Short Sections of Concrete Curb & Gutter ADDENDUM#1	6
16.	Removal and Replacement of Short Sections of Concrete Curb and Gutter (Cont'd.)	7
17.	Adjustment of Existing Manhole Frame and Covers	7

Special Provisions (Cont'd.)

INDEX

ITEM	DESCRIPTION	PAGE
18.	Adjustment of Exist. Catchbasin Frames & Covers ADDENDUM#1	8
19.	Construction of Sidewalk & Driveway Approaches	8
19.	Construction of Sidewalks & Driveway Approaches (Cont'd.)	9
20.	Adjustment of Existing Water / Gas Valves	9

City of Windsor Special Provisions

1. Schedule of Work

The Manager of Contracts reserves the right to determine the sequence of streets to be worked on and commencement dates for each. Upon being notified by the Corporation to begin operations on a certain street, the Contractor will have three (3) calendar days from the date of notification to commence work. Any additional expenses incurred by the Corporation, resulting from non-compliance with this request, will be back charged to the contractor.

The Contractor should note that some of the streets listed to receive surface asphalt will be under maintenance with the original contractor until the end of the 2020 paving season. As such, the City Engineer reserves the right to delay paving surface asphalt on those streets until the spring of 2021. The Tenderer shall hold his prices firm until all work under this contract is complete as no adjustment of prices shall be allowed except as otherwise permitted in these tender documents.

2. Additions & Deletions

The Manager of Contracts may, at his own discretion, add or subtract from the number of streets to be paved with “surface asphalt” and/or be “milled & paved”, before or during the period of the work and the contractor shall not be entitled to any additional remuneration except in accordance with the unit prices tendered.

3. Removal Of Workers

The Contractor shall employ in and about the execution of the works, only such persons as are careful, skilled and experienced in their several trades and callings, and the Contract Administrator shall be at liberty to object to, and require the Contractor to remove from the works, who in the opinion of the Contract Administrator misconducts himself, or is incompetent or negligent in the proper performance of his duties; and such persons shall not be again employed upon the works without written permission of the Contract Administrator. This clause does not apply to the provisions of the Occupational Health & Safety Act.

4. Occupational Health & Safety

In order to avoid any misunderstanding as to the nature of the work to be performed herein, the Contractor by accepting this contract unequivocally acknowledges that he is the Constructor within the meaning of the Occupational Health & Safety Act, and is fully knowledgeable and shall abide totally with all aspects of the Occupational Health & Safety Act including the regulations applying to an employer of a sub-contractor.

All persons in the employ of the Contractor or any sub-contractor or other person contracting to do the whole or any part of the work contemplated by the contract

4. Occupational Health & Safety (Cont'd.)

shall be instructed on the latest edition of the Occupational Health & Safety Act, R.S.O. 1970 as amended.

The Contractor will indemnify and hold harmless the City and its employees in all matters involving the work to be performed by the Contractor and/or its sub-contractors. Additionally, all pertinent safety rules and regulations of the Corporation of the City of Windsor must be followed.

The Contractor agrees to take responsibility for any breach of health and safety violations as well as to pay for the cost of the fines, fine surcharges and legal fees.

The Contractor's employees shall have WHMIS Training and be experienced in the handling of chemicals required for the performance of this contract.

Failure to comply with the above requirements may result in termination of this agreement.

5. Materials

The contractor shall supply all materials on this contract, unless otherwise noted.

6. Hot Mix Asphalt - Quality

The placement of hot mix asphalt shall be carried out in accordance with City of Windsor Standard Specification S-10. Basis of payment and units of measurement shall be as stated in this tender.

The contractor shall provide the Corporation with acceptable Marshall or Superpave Mix Designs for each type of mix indicated in the Schedule of Unit Prices at least seven (7) calendar days prior to commencement of work. The mix design shall designate the source of supply and the quality of the mix shall be verified by testing as directed by the Corporation.

The asphalt cement used on this contract shall be as follows:

- i. PG 58-28 for HL-1, HL3, HL-4, HL8 and Superpave 19.0 Hot Mix Asphalt
- ii. PG 64-28 for Superpave 12.5 FC-2 Asphalt

The PGAC shall conform to OPSS.MUNI 1101.

The Contractor shall provide the City's QA representative with access to its asphalt plant control room in order to obtain copies of the batching records and to document plant operations during the production of hot mix asphalt for the Contract. The information collected from the Contractor's hot mix asphalt control room will be used solely to compare the as-produced mix to the mix design accepted by the City. All information collected by the City's QA representative will be shared with the Contractor and will be kept in strict confidence by the City.

7. **Asphalt Cement (Liquid Asphalt) Price Adjustment ADDENDUM #1**

The City of Windsor will adjust the payment for liquid asphalt based on changes to the Ministry of Transportation's performance graded asphalt cement price index. The price index is published monthly in the MTO Contract Bulletin and displayed

on the OHMPA (www.ohmpa.org) and MTO (www.raqs.mto.gov.on.ca) websites. The price index will be used to calculate the amount of the payment adjustment per tonne of new asphalt cement accepted into the work.

The price index will be based on the price, excluding taxes, FOB the depots in the Toronto area, of asphalt cement grade PG 58-28 or equivalent. One index will be used to establish and calculate the payment adjustment for all grades. No adjustments to the liquid asphalt price will be made for increases or decreases in the Harmonized Sales Tax because of changes in the liquid asphalt price.

A payment adjustment per tonne of new asphalt cement will be established for each month in which paving occurs when the price index for the month differs by more than \$15.00/tonne from the published **August 2020 Price Index**. When the price index differential is less than \$15.00/tonne, there will be no payment adjustment for that month. Payment adjustments due to changes in the price index are the only payment adjustments made to the hot mix unit price.

The payment adjustment per tonne will apply to the quantity of new asphalt cement in the hot mix incorporated into the work during the month for which it is established. The payment adjustment for the month will be calculated by the following means:

1. **When AC Prices have increased** by more than a \$15.00/tonne difference: the payment adjustment to be paid to the Contractor is the result of subtracting the published **August 2020 Price Index** from the price index in effect for the month when paving took place, minus the \$15.00 float, multiplied by the number of tonnes of PGAC incorporated in the mix(s) as determined by the job mix formula.
2. **When AC Prices have decreased** by more than a \$15.00/tonne difference: the payment adjustment made in favour of the Owner is the result of subtracting the price index in effect when paving took place, plus \$15.00 from the published **August 2020 Price Index**, multiplied by the number of tonnes of PGAC incorporated in the mix(s) as determined by the job mix formula.

The quantity of new asphalt cement includes all grades of asphalt cement supplied by the Contractor with and without polymer modifiers. For each month in which a payment adjustment has been established, the quantity will be calculated using the hot mix quantity accepted into the work and its corresponding asphalt cement

7. Asphalt Cement (Liquid Asphalt) Price Adjustment (Cont'd.)

content as required by the job mix formula except for mixes which contain reclaimed asphalt pavement.

For mixes which contain reclaimed asphalt pavement, the quantity of new asphalt cement will be determined from the difference between the asphalt cement content required by the job mix formula and the asphalt cement content of the reclaimed asphalt pavement incorporated into the hot mix, as calculated by the Contract Administrator.

Measurement for liquid asphalt price adjustment shall be made on the asphalt placed in a particular month supported by weigh tickets and mix design showing the virgin asphalt cement and the asphalt cement derived from RAP, regardless of how the hot mix paving item is measured.

Payment shall be made on the price index for the month adjusted by the published **August 2020 Price Index**, if only more or less than \$15.00/tonne. The adjustment may be upward when asphalt cement prices have increased or downwards when asphalt cement prices have decreased.

8. Tack Coat

Tack coating of gutters and joints will be considered incidental and the cost should be included in the unit prices bid for the tendered items; however, when it is necessary to tack coat the entire road surface the contractor will be paid for this work under the appropriate item in the tender.

9. Hourly Rates for Equipment & Personnel

The hourly rates quoted for equipment and personnel shall be used to determine payment for work not covered under the specification and or other unit prices. Items such as rakes, shovels and hand tools will be considered incidentals and no additional payment will be made for their use.

Travelling time to and from the Contractor's Yard will not be paid for, but travelling time between job sites will be paid at the hourly rates. Any equipment that must be floated to the job site will be paid one (1) hour travelling time regardless of the location within the City limits. The one (1) hour travelling time payment will be based on the rental rate of the piece of equipment being floated and will be compensation in full for the floating of the equipment to and from the job site. Trucks, backhoes, concrete breakers, etc. will be allowed no travelling time and all travelling time costs will be considered incidental to the hourly rate bid.

Any breakdowns of more than half an hour may result in non-payment of the crew rate until such time that the equipment is operable.

Whenever possible the Contractor's foreperson and the City's Contract Administrator shall plan and organize the work prior to commencing work at any

9. Hourly Rates for Equipment and Personnel (Cont'd.)

location. Particular attention to equipment, labour, materials and traffic control should be scheduled in advance.

10. Hand Work

All paving jobs will require a certain amount of hand work which will be considered incidental to that item, however, a job which is determined by the City's Contract Administrator to be exclusively hand work will be paid for on an hourly basis.

11. Parked Vehicles and the Posting of "NO PARKING" Signs

The Contractor shall be totally responsible for the removal of parked cars on the construction site. The removal of these parked cars shall be coordinated with the Windsor Police Department. The Contractor shall supply and post "No Parking – Street Repair" signs a minimum of 12 hours in advance of commencing work. The cost for this work shall be considered incidental and included in the Contractor's tendered unit prices.

12. Preparation

All preparation work such as granular base repair, curb and gutter repair, catchbasin/manhole frame and cover adjustments, valve box adjustments, removal of existing asphalt, etc., will be carried out under the applicable tendered unit prices. The successful Tenderer will be required to sweep and tack coat the base as directed. All excess materials shall be removed by the Contractor at his expense.

13. Traffic Control Requirements

The Contractor shall, without notice or order from the Contract Administrator, and at his own expense, provide, erect and maintain adequate traffic protection signs, barricades and lights in accordance with the requirements of the City of Windsor to ensure safety to the public, and the smooth flow of traffic. He shall designate an employee to be responsible for the protection devices at night from sunset to sunrise. The Contractor shall be held responsible for all accidents or expenses arising by reason of neglect or failure to comply with this clause.

Traffic Control on this contract shall be in conformity with the procedure outlined in 'The Occupational Health & Safety Act, 1972 and Regulations for Construction Projects' and 'The Ontario Traffic Control Manual, Book 7'. Twenty-four (24) hours prior to commencing work, the proposed traffic control will be discussed and reviewed by the Contract Administrator. In addition, as required by the Occupational Health & Safety Act, the Contractor shall prepare a Traffic Protection Plan which shall be presented to the City of Windsor **FOR INFORMATION ONLY**, prior to any work being undertaken.

13. Traffic Control Requirements (Cont'd.)

In order to minimize disruption to businesses abutting and adjacent to the proposed construction zone, the Contractor will be required to **maintain reasonable access to all businesses and residences at all times during construction.**

The cost for all traffic control shall be incorporated in the submitted unit prices, with the exception of flag persons and solar message boards which will be paid at the tendered unit prices.

14. Cold Milling

Cold milling shall be completed in accordance with City of Windsor Standard Specification S-42.

All cold milled material generated by this contract will remain the property of the City of Windsor and shall be transported to the City's temporary storage site at MB# 2999 Grand Marais Road East, at no additional charge to the Corporation.

Payment for cold milling will be made at the unit price bid for the respective item in the Schedule of Unit Prices.

15. Sawcutting

The Contractor will be required to sawcut the existing concrete sidewalk/driveway approaches and asphalt approaches as directed by the Contract Administrator, prior to their scheduled removal. Costs for sawcutting shall be included in the unit price bid in the Schedule of Unit Prices for removal of the respective items as no additional payment will be made for sawcutting.

16. Removal and Replacement of Short Sections of Concrete Curb & Gutter **ADDENDUM#1**

The removal and replacement of concrete curb & gutter shall be done in compliance with City of Windsor Specification S-5.

In addition, the following procedures shall be followed:

- a) Prior to breaking and removing the existing curb & gutter, the Contractor shall saw cut the ends of the section to be replaced so as to avoid damaging the adjacent curb & gutter to be left in place. In addition, the Contractor shall saw cut the existing pavement along and parallel to the existing gutter pan, so that the pavement adjacent to the proposed repairs is not damaged during the removal of the curb & gutter. The cost of this sawcutting is to be included in the unit price bid for removal and reconstruction of the sections of curb.
- b) The Contractor shall excavate to the required width, grade, and depth necessary to construct the proposed curb & gutter.

16. Removal and Replacement of Short Sections of Concrete Curb and Gutter (Cont'd.)

- c) The Contractor shall supply, place, and compact 100mm of granular “A” material for base under the proposed curb & gutter.
- d) Construct concrete curb in accordance with City of Windsor Specification S-5 and AS-308, or OPSD 600.040, as applicable.
- e) The contractor shall backfill the void between the new gutter pan and the existing pavement, up to the level of the existing pavement with unshrinkable fill that complies with Standard Specification S-24.
- f) Payment for the removal and reconstruction of concrete curbs & gutters and all ancillary work as described above (“a” through “e”, inclusive) shall be made at the unit price bid for the respective item in the Schedule of Unit Prices. The unit price shall be compensation in full for all labour, equipment and materials required to complete the work.

17. Adjustment of Existing Manhole Frame and Covers

The unit price bid for the adjustment of manhole frame and covers shall include all labour, equipment, and materials required to adjust the elevations of the existing frame and covers to accommodate the proposed grade changes in conjunction with milling operations. No allowance will be made by reason of the Contractor not determining what adjustments and work are required. The Contractor shall note that the adjustment of manhole frame and covers shall include water, hydro and bell telephone manholes. The work shall be done at the direction and to the satisfaction of the Contract Administrator. The Contractor shall be required to conform to the specifications of the utility concerned in the matter of adjustments where they apply.

Manhole frame and covers shall be adjusted to grade using polyethylene riser rings as supplied by ‘IPEX’, or equivalent, with silicone caulking between lifts. All adjustments are to be made upon a sound foundation. If the top portion of the existing manhole is found to be unsound, the Contractor will be required to break back to sound material. The frame shall be mortared into place with full bearing of the flanges. An adjustment shall consist of work up to one vertical foot and included in this measurement will be the portion removed due to unsound material.

Where City of Windsor manhole frame and covers require replacing, the Contractor shall transport the old frame and cover to the City of Windsor Public Works Yard, 1531 Crawford Avenue, at no charge to the Corporation.

Payment for the above and all ancillary work shall be included in the unit price bid for adjusting manhole frame and covers.

18. Adjustment of Exist. Catchbasin Frames & Covers ADDENDUM#1

Catchbasin frame and covers shall be adjusted using 150mm, 200mm or 300mm pre-cast concrete riser rings or 50mm polyethylene rings (as supplied by IPEX or equivalent) with silicone caulking between lifts. Polyethylene rings shall not be stacked more than four units high in any one adjustment. All adjustments are to be made upon a sound foundation. If the top portion of the existing catchbasin is found to be unsound, the Contractor will be required to break back to sound material. The frame and cover shall be mortared into place with full bearing of the flanges. An adjustment shall consist of work up to 300mm, measured vertically, and included in this measurement shall be the portion removed due to unsound material.

The unit price bid for the adjustment of existing catchbasin frame and covers shall be deemed full compensation for all labour, materials and equipment required to do the following work:

- a) Sawcut the existing pavement a minimum of 600mm from the outside perimeter of the base of the catchbasin frame
- b) Break, remove and dispose of the existing pavement, concrete catchbasin box-out and adjacent curb and gutter **OR** remove existing temporary asphalt boxout, as applicable
- c) Remove the existing frame and cover
- d) Install riser rings and reset the frame and cover
- e) Construct concrete box-out as per Standard Drawing AS-321
- f) Backfill the void between the new box-out / gutter pan face and the existing pavement, up to the level of the existing pavement, with Hot mix Asphalt.
- g) Backfill and grade the excavation and disturbed boulevard areas behind the new box-out / curb with shredded topsoil and seed, where applicable.

When an existing catchbasin frame and cover is to be replaced, the contractor shall deliver the old frame and cover to the City of Windsor Public Works Yard, 1531 Crawford Avenue, at no charge to the Corporation.

19. Construction of Sidewalk & Driveway Approaches

The proposed work shall consist of the removal and reconstruction of the existing concrete sidewalks, and driveway approaches. All work shall be done in compliance with City of Windsor Standard Specifications S-6 (May 2015) and Standard Drawings AS 203, AS-204, AS-221, AS-222, AS-401, AS-402, AS-403, AS-404 and AS-549.

In addition, the following procedures shall govern the proposed works:

- a) The Contract Administrator will provide the Contractor with line and grade for new construction.

19. Construction of Sidewalks & Driveway Approaches (Cont'd.)

- b) The Contractor will remove the existing sidewalks and driveway approaches as directed by the Contract Administrator. Payment will be made under the appropriate removal item in the Schedule of Unit Prices.
- c) Sawcutting will be required when directed by the Contract Administrator and will be included in the price bid for removal of the sidewalk / driveway.
- d) The unit price bid to construct all concrete sidewalks and driveway approaches shall include the cost of supplying, placing, and compacting a 50mm thick levelling course of granular 'A' material. Granular materials for asphalt driveways will be paid under the item for granular materials for beneath asphalt driveways.

20. Adjustment of Existing Water / Gas Valves

The unit price bid for the adjustment of existing water / gas valves shall include all labour, equipment and materials necessary to bring the valves to the new grade prior to paving. No allowance will be made by reason of the Contractor not determining what adjustments and work are required. The Contractor shall conform to the specifications of the Windsor Utilities Commission and Union Gas regarding the adjustment of their respective valves.

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 124-20
PLACEMENT OF SURFACE ASPHALT / COLD MILLING & ASPHALT PAVING**

SCHEDULE OF UNIT PRICES

CITS ID	ITEM NO	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
021	1	Adjust elevation of existing catchbasin frame and cover, including removal of temporary asphalt box-out and construction of new concrete box-out as per Standard Drawing AS-321, in conjunction with the placement of surface asphalt.	22.0	EACH	\$	\$ -
024	2	Adjust elevation of existing water / gas valves to accommodate proposed grade changes in conjunction with placement of surface asphalt.	75.0	EACH	\$	\$ -
025	3	Install plastic manhole cover lift rings in conjunction with the placement of surface asphalt. NOTE: Plastic lift rings to be supplied by the City of Windsor	170.0	EACH	\$	\$ -
008	4	Cold milling of existing asphalt pavement as per accompanying specifications, up to 150mm in depth, as directed by Contract Administrator.	4,000.0	S.M.	\$	\$ -
270	5	Remove and reconstruct short sections of existing concrete curb and gutter, as per AS-208 and Special Provision No. 18. (Sections up to and including 15 lineal metres), on streets to be milled.	70.0	L.M.	\$	\$ -
021	6	Adjust elevation of existing frame and cover on existing catchbasin, including removal of existing box-out and construction of new box-out as per standard drawing AS-321 (including 2 L.M. of curb)	10.0	EACH	\$	\$ -
011	7	Sawcut, break, remove, and dispose of existing asphalt / concrete driveway approaches, and sidewalks where directed by Contract Administrator.	200.0	S.M.	\$	\$ -
106	8	Supply, place and compact Granular 'A' material beneath asphalt driveway.	50.0	TONNE	\$	\$ -
257	9	Construct residential concrete sidewalks and driveway approaches as per Standard Drawings AS-222, AS-401, AS-402, and AS-549.	200.0	S.M.	\$	\$ -
208	10	Supply and place HL3 and HL4 hot mix asphalt on driveways, including hand-laid.	50.0	TONNE	\$	\$ -
200	11	Supply and place HL4 base course asphalt as per Standard Specification S-10.	450.0	TONNE	\$	\$ -
201	12	Supply and place HL3 surface course asphalt as per Standard Specification S-10.	10,000.0	TONNE	\$	\$ -
209	13	Supply and apply tack coating to existing base asphalt prior to the placement of surface asphalt.	80,000.0	S.M.	\$	\$ -
818	14	Tractor sweeper with operator	300.0	HR.	\$	\$ -
817	15	Vacuum sweeper and operator	100.0	HR.	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 124-20
PLACEMENT OF SURFACE ASPHALT / COLD MILLING & ASPHALT PAVING**

SCHEDULE OF UNIT PRICES

CITS ID	ITEM NO	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
815	16	Cold miller (300mm to 1200mm cutter) with operator ADDENDUM#1	150.0	HR.	\$	\$ -
816	17	Cold miller (1.5m and wider) with operator ADDENDUM#1	50.0	HR.	\$	\$ -
820	18	Steel roller - 1500kg to 4500kg, with operator.	20.0	HR.	\$	\$ -
819	19	Vibratory Steel roller - 4500kg, with operator.	25.0	HR.	\$	\$ -
821	20	Rubber tire roller with operator	25.0	HR.	\$	\$ -
808	21	Water truck and operator	20.0	HR.	\$	\$ -
811	22	Triaxle dump truck with driver. ADDENDUM#1	100.0	HR.	\$	\$ -
803	23	Rubber tire backhoe with operator.	20.0	HR.	\$	\$ -
831	24	Foreperson and pickup.	200.0	HR.	\$	\$ -
832	25	Labourer.	500.0	HR.	\$	\$ -
829	26	Flagperson	1,000.0	HR.	\$	\$ -
801	27	Supply, locate, and maintain solar message board as directed by Contract Administrator	30.0	Day	\$	\$ -
800	28	Supply, locate and maintain flashing arrow board	10.0	Day	\$	\$ -
216	29	Supply HL3, HL4, or HL8 asphalt F.O.B. asphalt plant	100.0	TONNE	\$	\$ -
103	30	Supply virgin Granular 'A' material F.O.B. jobsite.	20.0	TONNE	\$	\$ -
400	31	Contingency Allowance				\$ 100,000.00

**TOTAL TENDER PRICE
(Including Contingency and Excluding H.S.T.)**

\$ 100,000.00