# CITY OF ANN ARBOR INVITATION TO BID



### Tennis and Basketball Court Renovations

ITB No. 4484

Due Date: April 13, 2017 at 2:00 p.m. (local time)

Parks and Recreation Services Community Services Unit

Issued By:

City of Ann Arbor Procurement Unit 301 E. Huron Street Ann Arbor, MI 48104

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#### **ATTACHMENTS**

City of Ann Arbor Prevailing Wage Declaration Form City of Ann Arbor Living Wage Forms City of Ann Arbor Vendor Conflict of Interest Disclosure Form City of Ann Arbor Non-Discrimination Ordinance Notice and Declaration Form

### NOTICE OF PRE-BID CONFERENCE

A pre-bid conference for this project will be held on **Tuesday**, **April 4**, **2017 at 10:00 a.m.** Leslie Park. Entry to the park is off Dhu Varren Road at Leslie Park Circle. Drive through the subdivision to the far south side to enter the park.

Attendance at this conference is highly recommended. Administrative and technical questions regarding this project will be answered at this time. The pre-bid conference is for information only. Any answers furnished will not be official until verified in writing by the Financial Service Area, Procurement Unit. Answers that change or substantially clarify the bid will be affirmed in an addendum.

#### INSTRUCTIONS TO BIDDERS

#### General

Work to be done under this Contract is generally described through the detailed specifications and must be completed fully in accordance with the contract documents. All work to be done under this Contract is located in or near the City of Ann Arbor.

Any Bid which does not conform fully to these instructions may be rejected.

### **Preparation of Bids**

Bids should be prepared providing a straight-forward, concise description of the Bidder's ability to meet the requirements of the ITB. Bids shall be written in ink or typewritten. No erasures are permitted. Mistakes may be crossed out and corrected and must be initialed and dated in ink by the person signing the Bid.

Bids must be submitted on the "Bid Forms" provided with each blank properly filled in. If forms are not fully completed it may disqualify the bid. No alternative bid will be considered unless alternative bids are specifically requested. If alternatives are requested, any deviation from the specification must be fully described, in detail on the "Alternate" section of Bid form.

Each person signing the Bid certifies that he/she is the person in the Bidder's firm/organization responsible for the decision as to the fees being offered in the Bid and has not and will not participated in any action contrary to the terms of this provision.

### Questions or Clarification on ITB Specifications

All questions regarding this ITB shall be submitted via email. Emailed questions and inquires will be accepted from any and all prospective Bidders in accordance with the terms and conditions of the ITB.

All questions shall be due on or before **Friday**, **April 7**, **2017 by 3 p.m.** and should be addressed as follows:

Specification/Scope of Work questions emailed to akuras@a2gov.org
Bid Process and Compliance questions emailed to cspencer@a2gov.org

Any error, omissions or discrepancies in the specification discovered by a prospective contractor and/or service provider shall be brought to the attention of Amy Kuras, Park Planner at akuras@a2gov.org after discovery as possible. Further, the contractor and/or service provide shall not be allowed to take advantage of errors, omissions or discrepancies in the specifications.

#### Addenda

If it becomes necessary to revise any part of the ITB, notice of the Addendum will be posted to Michigan Inter-governmental Trade Network (MITN) www.mitn.info and/or City of Ann Arbor web site www.A2gov.org for all parties to download.

Each Bidder must in its Bid, to avoid any miscommunications, acknowledge all addenda which it

has received, but the failure of a Bidder to receive, or acknowledge receipt of; any addenda shall not relieve the Bidder of the responsibility for complying with the terms thereof.

The City will not be bound by oral responses to inquiries or written responses other than written addenda.

#### Bid Submission

All Bids are due and must be delivered to the City of Ann Arbor Procurement Unit on or before **April 13, 2017 at 2:00 p.m. EST.** Bids submitted late or via oral, telephonic, telegraphic, electronic mail or facsimile **will not** be considered or accepted.

Each Bidder must submit one (1) original Bid and **one (1)** Bid copies in a sealed envelope clearly marked: **ITB No. 4484, Tennis and Basketball Court Renovations** 

#### Bids must be addressed and delivered to:

City of Ann Arbor Procurement Unit, c/o Customer Services, 1st Floor 301 East Huron Street Ann Arbor, MI 48107

All Bids received on or before the Due Date will be publicly opened and recorded immediately. No immediate decisions are rendered.

The following forms provided within this ITB Document must be included in submitted bids.

- City of Ann Arbor Prevailing Wage Declaration of Compliance
- City of Ann Arbor Living Wage Ordinance Declaration of Compliance
- Vendor Conflict of Interest Disclosure Form
- City of Ann Arbor Non-Discrimination Ordinance Declaration of Compliance

## Bids that fail to provide these completed forms listed above upon bid opening will be rejected as non-responsive and will not be considered for award.

Hand delivered bids will be date/time stamped/signed by the Procurement Unit at the address above in order to be considered. Normal business hours are 9:00 a.m. to 3:00 p.m. Monday through Friday, excluding Holidays. The City will not be liable to any Bidder for any unforeseen circumstances, delivery or postal delays. Postmarking to the Due Date will not substitute for receipt of the Bid. Each Bidder is responsible for submission of their Bid.

Additional time for submission of bids past the stated due date and time will not be granted to a single Bidder; however, additional time may be granted to all Bidders when the City determines in its sole discretion that circumstances warrant it.

#### Award

The City intends to award a Contract(s) to the lowest responsible Bidder(s). On multi-divisional contracts, separate divisions may be awarded to separate Bidders. The City may also utilize alternatives offered in the Bid Forms, if any, to determine the lowest responsible Bidder on each division, and award multiple divisions to a single Bidder, so that the lowest total cost is achieved

for the City. For unit price bids, the Contract will be awarded based upon the unit prices and the lump sum prices stated by the bidder for the work items specified in the bid documents, with consideration given to any alternates selected by the City. If the City determines that the unit price for any item is materially different for the work item bid than either other bidders or the general market, the City, in its sole discretion, in addition to any other right it may have, may reject the bid as not responsible or non-conforming.

The acceptability of major subcontractors will be considered in determining if a Bidder is responsible. In comparing Bids, the City will give consideration to alternate Bids for items listed in the bid forms. All key staff and subcontractors are subject to the approval by the City.

#### Official Documents

The City of Ann Arbor officially distributes bid documents from the Procurement Unit or through the Michigan Intergovernmental Trade Network (MITN). Copies of the bid documents obtained from any other source are not Official copies. Addenda and other bid information will only be posted to these official distribution sites. If you obtained City of Ann Arbor Bid documents from other sources, it is recommended that you register on www.MITN.info and obtain an official Bid. Bidders do not need to be shown on the plan holders list provided by MITN to be considered an official plan holder.

### Bid Security

Each bid <u>must be accompanied</u> by a certified check, or Bid Bond by a surety licensed and authorized to do business within the State of Michigan, in the amount of 5% of the total of the bid price.

#### Withdrawal of Bids

After the time of opening, no Bid may be withdrawn for the period of sixty (60) days

#### **Contract Time**

Time is of the essence in the performance of the work under this Contract. The available time for work under this Contract is indicated on page C-2, Article III of the Contract. If these time requirements can not be met, the Bidder must stipulate on Bid Form Section 3 - Time Alternate its schedule for performance of the work. Consideration will be given to time in evaluating bids.

### Liquidated Damages

A liquidated damages clause, as given on page C-2, Article III of the Contract, provides that the Contractor shall pay the City as liquidated damages, and not as a penalty, a sum certain per day for each and every day that the Contractor may be in default of completion of the specified work, within the time(s) stated in the Contract, or written extensions.

Liquidated damages clauses, as given in the General Conditions, provide further that the City shall be entitled to impose and recover liquidated damages for breach of the obligations under Chapter 112 of the City Code.

The liquidated damages are for the non-quantifiable aspects of any of the previously identified events and do not cover actual damages that can be shown or quantified nor are they intended

to preclude recovery of actual damages in addition to the recovery of liquidated damages.

### **Human Rights Information**

All contractors proposing to do business with the City shall satisfy the contract compliance administrative policy adopted by the City Administrator in accordance with the Section 9:158 of the Ann Arbor City Code. Breach of the obligation not to discriminate as outlined in Section 5, beginning at page GC-3 shall be a material breach of the contract. Contractors are required to post a copy of Ann Arbor's Non-Discrimination Ordinance attached at all work locations where its employees provide services under a contract with the City.

### Wage Requirements

Section 4, beginning at page GC-2, outlines the requirements for payment of prevailing wages and for payment of a "living wage" to employees providing service to the City under this contract. The successful bidder and its subcontractors must comply with all applicable requirements and provide documentary proof of compliance when requested.

Pursuant to Resolution R-16-469 all public improvement contractors are subject to prevailing wage and will be required to provide to the City payroll records sufficient to demonstrate compliance with the prevailing wage requirements. Use of the Prevailing Wage Form provided in the Appendix section or a City-approved equivalent will be required along with wage rate interviews.

For laborers whose wage level are subject to federal, state and/or local prevailing wage law the appropriate Davis-Bacon wage rate classification is identified based upon the work including within this contract. The wage determination(s) current on the date 10 days before bids are due shall apply to this contract. The U.S. Department of Labor (DOL) has provided explanations to assist with classification in the following resource link: <a href="https://www.wdol.gov">www.wdol.gov</a>.

For the purposes of this ITB the Construction Type of Highway will apply.

#### Conflict Of Interest Disclosure

The City of Ann Arbor Purchasing Policy requires that prospective Vendors complete a Conflict of Interest Disclosure form. A contract may not be awarded to the selected Vendor unless and until the Procurement Unit and the City Administrator have reviewed the Disclosure form and determined that no conflict exists under applicable federal, state, or local law or administrative regulation. Not every relationship or situation disclosed on the Disclosure Form may be a disqualifying conflict. Depending on applicable law and regulations, some contracts may awarded on the recommendation of the City Administrator after full disclosure, where such action is allowed by law, if demonstrated competitive pricing exists and/or it is determined the award is in the best interest of the City. A copy of the Vendor Conflict of Interest Disclosure Form is attached.

### **Major Subcontractors**

The Bidder shall identify on Bid Form Section 4 each major subcontractor it expects to engage for this Contract if the work to be subcontracted is 15% or more of the bid sum or over \$50,000, whichever is less. The Bidder also shall identify the work to be subcontracted to each major subcontractor. The Bidder shall not change or replace a subcontractor without approval by the City.

#### Debarment

Submission of a Bid in response to this ITB is certification that the Bidder is not currently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from participation in this transaction by any State or Federal departments or agency. Submission is also agreement that the City will be notified of any changes in this status.

#### **Disclosures**

After bids are opened, all information in a submitter's bid is subjected to disclosure under the provisions of Michigan Public Act No. 442 of 1976, as amended (MCL 15.231 et seq.) known as the "Freedom of Information Act." The Freedom of Information Act also provides for the complete disclosure of contracts and attachments thereto except where specifically exempted.

#### **Bid Protest**

All Bid protests must be in writing and filed with the Purchasing Agent within five (5) business days of the award action. The bidder must clearly state the reasons for the protest. If a bidder contacts a City Service Area/Unit and indicates a desire to protest an award, the Service Area/Unit shall refer the bidder to the Purchasing Agent. The Purchasing Agent will provide the bidder with the appropriate instructions for filing the protest. The protest shall be reviewed by the City Administrator or designee whose decision shall be final.

### Cost Liability

The City of Ann Arbor assumes no responsibility or liability for costs incurred by the Bidder prior to the execution of a contract with the City. By submitting a bid, a bidder agrees to bear all costs incurred or related to the preparation, submission and selection process for the bid.

### Reservation of Rights

The City of Ann Arbor reserves the right to accept any bid or alternative bid proposed in whole or in part, to reject any or all bids or alternatives bids in whole or in part and to waive irregularity and/or informalities in any bid and to make the award in any manner deemed in the best interest of the City.

### **INVITATION TO BID**

City of Ann Arbor Guy C. Larcom Municipal Building Ann Arbor, Michigan 48107

#### Ladies and Gentlemen:

The undersigned, as Bidder, declares that this Bid is made in good faith, without fraud or collusion with any person or persons bidding on the same Contract; that this Bidder has carefully read and examined the bid documents, including City Nondiscrimination requirements and Declaration of Compliance Form, Living Wage requirements and Declaration of Compliance Form, Prevailing Wage requirements and Declaration of Compliance Form, Vendor Conflict of Interest Form, Notice of Pre-Bid Conference, Instructions to Bidders, Bid, Bid Forms, Contract, Bond Forms, General Conditions, Standard Specifications, Detailed Specifications, all Addenda, and the Plans (if applicable) and understands them. The Bidder declares that it conducted a full investigation at the site and of the work proposed and is fully informed as to the nature of the work and the conditions relating to the work's performance. The Bidder also declares that it has extensive experience in successfully completing projects similar to this one.

The Bidder acknowledges that it has not received or relied upon any representations or warrants of any nature whatsoever from the City of Ann Arbor, its agents or employees, and that this Bid is based solely upon the Bidder's own independent business judgment.

The undersigned proposes to perform all work shown on the plans or described in the bid documents, including any addenda issued, and to furnish all necessary machinery, tools, apparatus, and other means of construction to do all the work, furnish all the materials, and complete the work in strict accordance with all terms of the Contract of which this Bid is one part.

In accordance with these bid documents, and Addenda numbered \_\_\_\_\_, the undersigned, as Bidder, proposes to perform at the sites in and/or around Ann Arbor, Michigan, all the work included herein for the amounts set forth in the Bid Forms.

The Bidder declares that it has become fully familiar with the liquidated damage clauses for completion times and for compliance with City Code Chapter 112, understands and agrees that the liquidated damages are for the non-quantifiable aspects of non-compliance and do not cover actual damages that may be shown and agrees that if awarded the Contract, all liquidated damage clauses form part of the Contract.

The Bidder declares that it has become fully familiar with the provisions of Chapter 14, Section 1:320 (Prevailing wages) and Chapter 23 (Living Wage) of the Code of the City of Ann Arbor and that it understands and agrees to comply, to the extent applicable to employees providing services to the City under this Contract, with the wage and reporting requirements stated in the City Code provisions cited. Bidder certifies that the statements contained in the City Prevailing Wage and Living Wage Declaration of Compliance Forms are true and correct. Bidder further agrees that the cited provisions of Chapter 14 and Chapter 23 form a part of this Contract.

The Bidder declares that it has become familiar with the City Conflict of Interest Disclosure Form and certifies that the statement contained therein is true and correct.

The Bidder encloses a certified check or Bid Bond in the amount of 5% of the total of the Bid Price. The Bidder agrees both to contract for the work and to furnish the necessary Bonds and insurance documentation within 10 days after being notified of the acceptance of the Bid.

If this Bid is accepted by the City and the Bidder fails to contract and furnish the required Bonds and insurance documentation within 10 days after being notified of the acceptance of this Bid, then the Bidder shall be considered to have abandoned the Contract and the certified check or Bid Bond accompanying this Bid shall become due and payable to the City.

If the Bidder enters into the Contract in accordance with this Bid, or if this Bid is rejected, then the accompanying check or Bid Bond shall be returned to the Bidder.

In submitting this Bid, it is understood that the right is reserved by the City to accept any Bid, to reject any or all Bids, to waive irregularities and/or informalities in any Bid, and to make the award in any manner the City believes to be in its best interest.

	SIGNED THIS	DAY OF	, 201
Bidder's Name		Authorized Si	ignature of Bidder
Official Address		(Print Name o	of Signer Above)
Telephone Number	<del>,</del>	Email Addres	s for Award Notice

ITB-2

### **LEGAL STATUS OF BIDDER**

(The Bidder shall fill out the appropriate form and strike out the other three.)

Bidder declares that it is:

	. for whom		, bearing the office title
			norized to execute contracts.
	_	chigan, please attach the corporation	
whom	bearing the	usiness under the laws of title ofosal, is authorized to execute	
of	, organized under the lav , whose members are eparate sheet if necessar	e (list all members and the s	and filed in the county atreet and mailing address of
* An individual,	whose signature with ad	ddress, is affixed to this Bid:	
Authorized Off	icial		(initial here)
		Date	, 201_
(Print) Name		Title	
Company:			
Address:			
Contact Phone (	)	Fax ( )	
Email			

### Section 1 – Schedule of Prices

Company:					
Project: Leslie, Sylvan and Creal Parks Court Renovations					
Base Bid:					
Item Description	Estimated Quantity	Unit Price	Total Price		
Remove existing fence fabric and rails as needed and reinstall when paving is complete	545 LF	\$	\$		
2. Remove existing asphalt and dispose properly off-site	18,600 SF	\$	\$		
3. Supply and install 4' high chainlink fence for Pickleball courts	190 LF	\$	\$		
4. Provide and install Geogrid on existing stone base	18,600 SF	\$	\$		
5. Provide, install, compact, and finish grade 2" new 21AA limestone	2067 SY	\$	\$		
6. Provide and install new Pickleball net posts with center tie downs	12 EA	\$	\$		
7. Provide and install Pickleball nets	6 EA	\$	\$		
8. Reset tennis net posts	2 EA	\$	\$		
9. Provide and install 1.5" 1100L hot mix asphalt leveling material	2067 SY	\$	\$		
10. Provide and install 1.5" 36A virgin hot mix asphalt material	2067 SY	\$	\$		
11. Color coat and stripe one tennis court and six Pickleball courts	2067 SY	\$	\$		
12. Certified Payroll Compliance and Reporting	Lump Sum	\$	\$		
Total base bid Leslie Park		\$			

Item Description	Estimated Quantity	Unit Price Total Price				
Sylvan Park:						
Clean out and repair existing cracks with RiteWay crack repair system	800 LF	\$\$				
Color coat and stripe one tennis court	667 SY	\$				
3. Certified Payroll Compliance and Reporting	Lump Sum	\$				
Total base bid Sylvan Park		\$				
Creal Park:						
Clean out and repair existing cracks with RiteWay crack repair system	210 LF	\$				
Color coat and stripe     one basketball court and     one half-basketball court	392 SY	\$\$				
3. Certified Payroll Compliance and Reporting	Lump Sum	\$				
Total base bid Creal Park		\$				
Alternative 1:						
Leslie Park:						
Clean out and repair existing cracks with RiteWay crack repair system	1375 LF	\$\$				
Provide and install new Pickleball posts	12 EA	\$				
Provide and install new     Pickleball nets and tie downs	6 EA	\$				
4. Remove 4 tennis net posts and patch asphalt	LS	\$				
4. Provide and install 4' tall Chain-link fencing to separate Pickleball courts	190 LF	\$\$				
2016 Construction Rev 1	BF-2					

<u>Item Description</u>	Estimated Quantity	Unit Price	Total Price
5. Color coat and stripe one tennis court and six Pickleball courts	2067 SY	\$	\$
6. Certified Payroll Compliance and Reporting	Lump Sum	\$	\$
Total alternate bid Leslie Park		\$	

#### Section 2 - Material and Equipment Alternates

The Base Bid proposal price shall include materials and equipment selected from the designated items and manufacturers listed in the bidding documents. This is done to establish uniformity in bidding and to establish standards of quality for the items named.

If the Contractor wishes to quote alternate items for consideration by the City, it may do so under this Section. A complete description of the item and the proposed price differential must be provided. Unless approved at the time of award, substitutions where items are specifically named will be considered only as a negotiated change in Contract Sum.

Add/Deduct Amount

Description

If the Bidder does not suggest any material or equipment alternate, the Bidder <b>MU</b> the following statement:	JST complete
For the work outlined in this request for bid, the bidder does NOT propose any equipment alternate under the Contract.	y material o
Signature of Authorized Representative of Bidder Date	e

2016 Construction Rev 1 BF-4

Item Number

#### Section 3 - Time Alternate

Section 3 - Time Alternate
If the Bidder takes exception to the time stipulated in Article III of the Contract, Time of Completion, page C-2, it is requested to stipulate below its proposed time for performance of the work. Consideration will be given to time in evaluating bids.
If the Bidder does not suggest any time alternate, the Bidder <b>MUST</b> complete the following statement:
For the work outlined in this request for bid, the bidder does NOT propose any time alternate under the Contract.

Signature of Authorized Representative of Bidder \_\_\_\_\_\_Date \_\_\_\_\_

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#### Section 4 - Major Subcontractors

For purposes of this Contract, a Subcontractor is anyone (other than the Contractor) who performs work (other than or in addition to the furnishing of materials, plans or equipment) at or about the construction site, directly or indirectly for or on behalf of the Contractor (and whether or not in privity of Contract with the Contractor), but shall not include any individual who furnishes merely the individual's own personal labor or services.

Contractor agrees that all subcontracts entered into by the Contractor shall contain similar wage provision to Section 4 of the General Conditions covering subcontractor's employees who perform work on this contract.

For the work outlined in these documents the Bidder expects to engage the following major

subcontractors to perform the work identified:					
Subcontractor Address)	(Name	<u>and</u>	<u>Work</u>	<u>Amount</u>	
If the Bidder does not effollowing statement:	expect to en	gage any major s	ubcontractor, the	Bidder <b>MUST</b> complete the	
For the work outlined is subcontractor to perfor	in this reque m work und	est for bid, the bid er the Contract.	dder does NOT ex	spect to engage any major	
Signature of Authorize	d Represen	ative of Bidder		Date	
2016 Construction Rev 1		BF-6			

### Section 5 – References

Include a minimum of refe	erence from similar project co	ompleted within the past years.
[Refer also to Instructions to	Bidders for additional red	quirements, if any]
1)		
Project Name	Cost	Date Constructed
Contact Name		Phone Number
2)		
Project Name	Cost	Date Constructed
Contact Name		Phone Number
3)		
Project Name	Cost	Date Constructed
Contact Name		Phone Number

#### SAMPLE STANDARD CONTRACT

If a contract is awarded, the selected contractor will be required to adhere to a set of general contract provisions which will become a part of any formal agreement. These provisions are general principles which apply to all contractors of service to the City of Ann Arbor such as the following:

#### CONTRACT

THIS AGREEMENT is made on theday of, 201	7, between the CITY OF ANN
ARBOR, a Michigan Municipal Corporation, 301 East Huron Street, Ann	Arbor, Michigan 48104 ("City") and
	("Contractor")
(An individual/partnership/corporation, include state of incorporation)	(Address)
Based upon the mutual promises below, the Contractor and the City agi	ree as follows:

#### **ARTICLE I - Scope of Work**

The Contractor agrees to furnish all of the materials, equipment and labor necessary; and to abide by all the duties and responsibilities applicable to it for the project titled [Insert Title of Bid and Bid Number] in accordance with the requirements and provisions of the following documents, including all written modifications incorporated into any of the documents, which are incorporated as part of this Contract:

Non-discrimination and Living Wage Declaration of Compliance Forms (if applicable)
Vendor Conflict of Interest Form Prevailing Wage Declaration of Compliance Form (if applicable)
Bid Forms
Contract and Exhibits
Bonds

General Conditions
Standard Specifications
Detailed Specifications
Plans
Addenda

#### **ARTICLE II - Definitions**

Administering Service Area/Unit means Community Services Area,

Parks and Recreation Services Unit

Project means Renovations to Leslie, Sylvan and Creal Game Courts

#### **ARTICLE III - Time of Completion**

- (A) The work to be completed under this Contract shall begin immediately on the date specified in the Notice to Proceed issued by the City.
- (B) The entire work for this Contract shall be completed within Thirty (Thirty) consecutive calendar days.
- (C) Failure to complete all the work within the time specified above, including any extension granted in writing by the Supervising Professional, shall obligate the Contractor to pay the City, as liquidated damages and not as a penalty, an amount

equal to \$100.00 for each calendar day of delay in the completion of all the work. If any liquidated damages are unpaid by the Contractor, the City shall be entitled to deduct these unpaid liquidated damages from the monies due the Contractor.

The liquidated damages are for the non-quantifiable aspects of any of the previously identified events and do not cover actual damages that can be shown or quantified nor are they intended to preclude recovery of actual damages in addition to the recovery of liquidated damages.

#### **ARTICLE IV - The Contract Sum**

(A)	prices as given in the Bid Form for the estimated bid total		Contract,	the	unit
	Doll	ars (\$		_)	

(B) The amount paid shall be equitably adjusted to cover changes in the work ordered by the Supervising Professional but not required by the Contract Documents. Increases or decreases shall be determined only by written agreement between the City and Contractor.

#### **ARTICLE V - Assignment**

This Contract may not be assigned or subcontracted any portion of any right or obligation under this contract without the written consent of the City. Notwithstanding any consent by the City to any assignment, Contractor shall at all times remain bound to all warranties, certifications, indemnifications, promises and performances, however described, as are required of it under this contract unless specifically released from the requirement, in writing, by the City.

#### **ARTICLE VI - Choice of Law**

This Contract shall be construed, governed, and enforced in accordance with the laws of the State of Michigan. By executing this agreement, the Contractor and the City agree to venue in a court of appropriate jurisdiction sitting within Washtenaw County for purposes of any action arising under this Contract. The parties stipulate that the venue referenced in this Contract is for convenience and waive any claim of non-convenience.

Whenever possible, each provision of the Contract will be interpreted in a manner as to be effective and valid under applicable law. The prohibition or invalidity, under applicable law, of any provision will not invalidate the remainder of the Contract.

#### **ARTICLE VII - Relationship of the Parties**

The parties of the Contract agree that it is not a Contract of employment but is a Contract to accomplish a specific result. Contractor is an independent Contractor performing services for the City. Nothing contained in this Contract shall be deemed to constitute any other relationship between the City and the Contractor.

Contractor certifies that it has no personal or financial interest in the project other than the compensation it is to receive under the Contract. Contractor certifies that it is not, and shall not become, overdue or in default to the City for any Contract, debt, or any other obligation to the City

including real or personal property taxes. City shall have the right to set off any such debt against compensation awarded for services under this agreement.

#### **ARTICLE VIII - Notice**

All notices given under this Contract shall be in writing, and shall be by personal delivery or by certified mail with return receipt requested to the parties at their respective addresses as specified in the Contract Documents or other address the Contractor may specify in writing. Notice will be deemed given on the date when one of the following first occur: (1) the date of actual receipt; or (2) three days after mailing certified U.S. mail.

#### **ARTICLE IX - Indemnification**

To the fullest extent permitted by law, Contractor shall indemnify, defend and hold harmless the City, its officers, employees and agents harmless from all suits, claims, judgments and expenses including attorney's fees resulting or alleged to result, in whole or in part, from any act or omission, which is in any way connected or associated with this Contract, by the Contractor or anyone acting on the Contractor's behalf under this Contract. Contractor shall not be responsible to indemnify the City for losses or damages caused by or resulting from the City's sole negligence. The provisions of this Article shall survive the expiration or earlier termination of this contract for any reason.

#### **ARTICLE X - Entire Agreement**

This Contract represents the entire understanding between the City and the Contractor and it supersedes all prior representations, negotiations, agreements, or understandings whether written or oral. Neither party has relied on any prior representations in entering into this Contract. No terms or conditions of either party's invoice, purchase order or other administrative document shall modify the terms and conditions of this Contract, regardless of the other party's failure to object to such form. This Contract shall be binding on and shall inure to the benefit of the parties to this Contract and their permitted successors and permitted assigns and nothing in this Contract, express or implied, is intended to or shall confer on any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Contract. This Contract may be altered, amended or modified only by written amendment signed by the City and the Contractor.

FOR CONTRACTOR	FOR THE CITY OF ANN ARBOR
Ву	By
Its:	Christopher Taylor, Mayor
11.5	
	By
	Jacqueline Beaudry, City Clerk
[signatures continue on next page]	

Approved as to substance		
By Howard Lazarus, City Administrat		
By		
Approved as to form and content		
Stephen K. Postema City Attorney		

### **PERFORMANCE BOND**

(1)					
` '	(referred to as				
	"Principal"), and, corporation duly authorized to do business in the State of Michigan (referred to a				
	"Surety"), are bound to the City of Ann Arbor, Michigan (referred to as "City"), for				
	\$	_, the payment of which Principal and Surety Iministrators, successors and assigns, jointly			
	bind themselves, their heirs, executors, ac and severally, by this bond.	Iministrators, successors and assigns, jointly			
(2)	The Principal has entered a wi	<u> </u>			
	this hand is given for that Contract in comp	and			
this bond is given for that Contract in compliance with Act No. 213 of the Mi Acts of 1963, as amended, being MCL 129.201 et seq.					
(3)	Whenever the Principal is declared by the City to be in default under the Contract, the Surety may promptly remedy the default or shall promptly:  (a) complete the Contract in accordance with its terms and conditions; or				
	accordance with its terms and conditions, a responsible bidder, arrange for a Contract available, as work progresses, sufficient f	to the City for completing the Contract in nd upon determination by Surety of the lowest between such bidder and the City, and make funds to pay the cost of completion less the reding, including other costs and damages for amount set forth in paragraph 1.			
(4)	Surety shall have no obligation to the City under the Contract.	y if the Principal fully and promptly performs			
(5)	Contract or to the work to be performed the it shall in any way affect its obligations of	f time, alteration or addition to the terms of the ereunder, or the specifications accompanying on this bond, and waives notice of any such addition to the terms of the Contract or to the			
SIGNE	ED AND SEALED this day of	, 201			
<b>/</b>					
•	e of Surety Company)	(Name of Principal)			
Ву <u>(Si</u>	ignature)	Ву			
(0)	ignaturo)	(Signature)			
lts					
(Titl	le of Office)	Its(Title of Office)			
Appro	ved as to form:	Name and address of agent:			
Stephen K. Postema, City Attorney					

### LABOR AND MATERIAL BOND

(1)				
of		(referred to		
as "Principal"), and		, a corporation		
duly authorized to do business	duly authorized to do business in the State of Michigan, (referred to as "Surety"), are bound			
to the City of Ann Arbor, Michig	gan (referred to a	as "City"), for the use and benefit of claimants		
as defined in Act 213 of Michig	gan Public Acts	of 1963, as amended, being MCL 129.201 $\underline{\text{et}}$		
seq., in the amount of				
\$, for the	payment of which	ch Principal and Surety bind themselves, their		
heirs, executors, administrators	s, successors an	nd assigns, jointly and severally, by this bond.		
(2) The Principal has entered a wr	itten Contract wi	ith the City, dated, 201_,		
for				
		; and this bond is		
given for that Contract in comp	given for that Contract in compliance with Act No. 213 of the Michigan Public Acts of 1963 as			
amended;				
(3) If the Principal fails to promptly and fully repay claimants for labor and material reasonabl				
required under the Contract, th	e Surety shall pa	ay those claimants.		
(4) Surety's obligations shall not ex	ceed the amour	nt stated in paragraph 1, and Surety shall have		
no obligation if the Principal pro	omptly and fully	pays the claimants.		
SIGNED AND SEALED this	day of	, 201_		
(Name of Surety Company)	_	(Name of Principal)		
By		By		
(Signature)		(Signatura)		
Its		(Signature) Its		
(Title of Office)	_	Its(Title of Office)		
Approved as to form:		Name and address of agent:		
Stephen K. Postema, City Attorney	<del></del>			

#### **GENERAL CONDITIONS**

### **Section 1 - Execution, Correlation and Intent of Documents**

The contract documents shall be signed in 2 copies by the City and the Contractor.

The contract documents are complementary and what is called for by any one shall be binding. The intention of the documents is to include all labor and materials, equipment and transportation necessary for the proper execution of the work. Materials or work described in words which so applied have a well-known technical or trade meaning have the meaning of those recognized standards.

In case of a conflict among the contract documents listed below in any requirement(s), the requirement(s) of the document listed first shall prevail over any conflicting requirement(s) of a document listed later.

(1) Addenda in reverse chronological order; (2) Detailed Specifications; (3) Standard Specifications; (4) Plans; (5) General Conditions; (6) Contract; (7) Bid Forms; (8) Bond Forms; (9) Bid.

### **Section 2 - Order of Completion**

The Contractor shall submit with each invoice, and at other times reasonably requested by the Supervising Professional, schedules showing the order in which the Contractor proposes to carry on the work. They shall include the dates at which the Contractor will start the several parts of the work, the estimated dates of completion of the several parts, and important milestones within the several parts.

### **Section 3 - Familiarity with Work**

The Bidder or its representative shall make personal investigations of the site of the work and of existing structures and shall determine to its own satisfaction the conditions to be encountered, the nature of the ground, the difficulties involved, and all other factors affecting the work proposed under this Contract. The Bidder to whom this Contract is awarded will not be entitled to any additional compensation unless conditions are clearly different from those which could reasonably have been anticipated by a person making diligent and thorough investigation of the site.

The Bidder shall immediately notify the City upon discovery, and in every case prior to submitting its Bid, of every error or omission in the bidding documents that would be identified by a reasonably competent, diligent Bidder. In no case will a Bidder be allowed the benefit of extra compensation or time to complete the work under this Contract for extra expenses or time spent as a result of the error or omission.

### **Section 4 - Wage Requirements**

Under this Contract, the Contractor shall conform to Chapter 14 of Title I of the Code of the City of Ann Arbor as amended; which in part states "...that all craftsmen, mechanics and laborers employed directly on the site in connection with said improvements, including said employees of subcontractors, shall receive the prevailing wage for the corresponding classes of craftsmen.

mechanics and laborers, as determined by statistics for the Ann Arbor area compiled by the United States Department of Labor. At the request of the City, any contractor or subcontractor shall provide satisfactory proof of compliance with the contract provisions required by the Section."

Pursuant to Resolution R-16-469 all public improvement contractors are subject to prevailing wage and will be required to provide to the City payroll records sufficient to demonstrate compliance with the prevailing wage requirements. A sample Prevailing Wage Form is provided in the Appendix herein for reference as to what will be expected from contractors. Use of the Prevailing Wage Form provided in the Appendix section or a City-approved equivalent will be required along with wage rate interviews.

Where the Contract and the Ann Arbor City Ordinance are silent as to definitions of terms required in determining contract compliance with regard to prevailing wages, the definitions provided in the Davis-Bacon Act as amended (40 U.S.C. 278-a to 276-a-7) for the terms shall be used.

If the Contractor is a "covered employer" as defined in Chapter 23 of the Ann Arbor City Code, the Contractor agrees to comply with the living wage provisions of Chapter 23 of the Ann Arbor City Code. The Contractor agrees to pay those employees providing Services to the City under this Agreement a "living wage," as defined in Section 1:815 of the Ann Arbor City Code, as adjusted in accordance with Section 1:815(3); to post a notice approved by the City of the applicability of Chapter 23 in every location in which regular or contract employees providing services under this Agreement are working; to maintain records of compliance; if requested by the City, to provide documentation to verify compliance; to take no action that would reduce the compensation, wages, fringe benefits, or leave available to any employee or person contracted for employment in order to pay the living wage required by Section 1:815; and otherwise to comply with the requirements of Chapter 23.

Contractor agrees that all subcontracts entered into by the Contractor shall contain similar wage provision covering subcontractor's employees who perform work on this contract.

#### **Section 5 - Non-Discrimination**

The Contractor agrees to comply, and to require its subcontractor(s) to comply, with the nondiscrimination provisions of MCL 37.2209. The Contractor further agrees to comply with the provisions of Section 9:158 of Chapter 112 of Title IX of the Ann Arbor City Code, and to assure that applicants are employed and that employees are treated during employment in a manner which provides equal employment opportunity.

### Section 6 - Materials, Appliances, Employees

Unless otherwise stipulated, the Contractor shall provide and pay for all materials, labor, water, tools, equipment, light, power, transportation, and other facilities necessary or used for the execution and completion of the work. Unless otherwise specified, all materials incorporated in the permanent work shall be new, and both workmanship and materials shall be of the highest quality. The Contractor shall, if required, furnish satisfactory evidence as to the kind and quality of materials.

The Contractor shall at all times enforce strict discipline and good order among its employees, and shall seek to avoid employing on the work any unfit person or anyone not skilled in the work assigned.

Adequate sanitary facilities shall be provided by the Contractor.

### **Section 7 - Qualifications for Employment**

The Contractor shall employ competent laborers and mechanics for the work under this Contract. For work performed under this Contract, employment preference shall be given to qualified local residents.

### **Section 8 - Royalties and Patents**

The Contractor shall pay all royalties and license fees. It shall defend all suits or claims for infringements of any patent rights and shall hold the City harmless from loss on account of infringement except that the City shall be responsible for all infringement loss when a particular process or the product of a particular manufacturer or manufacturers is specified, unless the City has notified the Contractor prior to the signing of the Contract that the particular process or product is patented or is believed to be patented.

### **Section 9 - Permits and Regulations**

The Contractor must secure and pay for all permits, permit or plan review fees and licenses necessary for the prosecution of the work. These include but are not limited to City building permits, right-of-way permits, lane closure permits, right-of-way occupancy permits, and the like. The City shall secure and pay for easements shown on the plans unless otherwise specified.

The Contractor shall give all notices and comply with all laws, ordinances, rules and regulations bearing on the conduct of the work as drawn and specified. If the Contractor observes that the contract documents are at variance with those requirements, it shall promptly notify the Supervising Professional in writing, and any necessary changes shall be adjusted as provided in the Contract for changes in the work.

### Section 10 - Protection of the Public and of Work and Property

The Contractor is responsible for the means, methods, sequences, techniques and procedures of construction and safety programs associated with the work contemplated by this contract. The Contractor, its agents or sub-contractors, shall comply with the "General Rules and Regulations for the Construction Industry" as published by the Construction Safety Commission of the State of Michigan and to all other local, State and National laws, ordinances, rules and regulations pertaining to safety of persons and property.

The Contractor shall take all necessary and reasonable precautions to protect the safety of the public. It shall continuously maintain adequate protection of all work from damage, and shall take all necessary and reasonable precautions to adequately protect all public and private property from injury or loss arising in connection with this Contract. It shall make good any damage, injury or loss to its work and to public and private property resulting from lack of reasonable protective precautions, except as may be due to errors in the contract documents, or caused by agents or employees of the City. The Contractor shall obtain and maintain sufficient insurance to cover damage to any City property at the site by any cause.

In an emergency affecting the safety of life, or the work, or of adjoining property, the Contractor is, without special instructions or authorization from the Supervising Professional, permitted to act at its discretion to prevent the threatened loss or injury. It shall also so act, without appeal, if authorized or instructed by the Supervising Professional.

Any compensation claimed by the Contractor for emergency work shall be determined by agreement or in accordance with the terms of Claims for Extra Cost - Section 15.

### Section 11 - Inspection of Work

The City shall provide sufficient competent personnel for the inspection of the work.

The Supervising Professional shall at all times have access to the work whenever it is in preparation or progress, and the Contractor shall provide proper facilities for access and for inspection.

If the specifications, the Supervising Professional's instructions, laws, ordinances, or any public authority require any work to be specially tested or approved, the Contractor shall give the Supervising Professional timely notice of its readiness for inspection, and if the inspection is by an authority other than the Supervising Professional, of the date fixed for the inspection. Inspections by the Supervising Professional shall be made promptly, and where practicable at the source of supply. If any work should be covered up without approval or consent of the Supervising Professional, it must, if required by the Supervising Professional, be uncovered for examination and properly restored at the Contractor's expense.

Re-examination of any work may be ordered by the Supervising Professional, and, if so ordered, the work must be uncovered by the Contractor. If the work is found to be in accordance with the contract documents, the City shall pay the cost of re-examination and replacement. If the work is not in accordance with the contract documents, the Contractor shall pay the cost.

### **Section 12 - Superintendence**

The Contractor shall keep on the work site, during its progress, a competent superintendent and any necessary assistants, all satisfactory to the Supervising Professional. The superintendent will be responsible to perform all on-site project management for the Contractor. The superintendent shall be experienced in the work required for this Contract. The superintendent shall represent the Contractor and all direction given to the superintendent shall be binding as if given to the Contractor. Important directions shall immediately be confirmed in writing to the Contractor. Other directions will be confirmed on written request. The Contractor shall give efficient superintendence to the work, using its best skill and attention.

### Section 13 - Changes in the Work

The City may make changes to the quantities of work within the general scope of the Contract at any time by a written order and without notice to the sureties. If the changes add to or deduct from the extent of the work, the Contract Sum shall be adjusted accordingly. All the changes shall be executed under the conditions of the original Contract except that any claim for extension of time caused by the change shall be adjusted at the time of ordering the change.

In giving instructions, the Supervising Professional shall have authority to make minor changes in the work not involving extra cost and not inconsistent with the purposes of the work, but otherwise, except in an emergency endangering life or property, no extra work or change shall be made unless in pursuance of a written order by the Supervising Professional, and no claim for an addition to the Contract Sum shall be valid unless the additional work was ordered in writing.

The Contractor shall proceed with the work as changed and the value of the work shall be determined as provided in Claims for Extra Cost - Section 15.

#### **Section 14 - Extension of Time**

Extension of time stipulated in the Contract for completion of the work will be made if and as the

Supervising Professional may deem proper under any of the following circumstances:

- (1) When work under an extra work order is added to the work under this Contract;
- (2) When the work is suspended as provided in Section 20;
- (3) When the work of the Contractor is delayed on account of conditions which could not have been foreseen, or which were beyond the control of the Contractor, and which were not the result of its fault or negligence;
- (4) Delays in the progress of the work caused by any act or neglect of the City or of its employees or by other Contractors employed by the City;
- (5) Delay due to an act of Government;
- (6) Delay by the Supervising Professional in the furnishing of plans and necessary information;
- (7) Other cause which in the opinion of the Supervising Professional entitles the Contractor to an extension of time.

The Contractor shall notify the Supervising Professional within 7 days of an occurrence or conditions which, in the Contractor's opinion, entitle it to an extension of time. The notice shall be in writing and submitted in ample time to permit full investigation and evaluation of the Contractor's claim. The Supervising Professional shall acknowledge receipt of the Contractor's notice within 7 days of its receipt. Failure to timely provide the written notice shall constitute a waiver by the Contractor of any claim.

In situations where an extension of time in contract completion is appropriate under this or any other section of the contract, the Contractor understands and agrees that the only available adjustment for events that cause any delays in contract completion shall be extension of the required time for contract completion and that there shall be no adjustments in the money due the Contractor on account of the delay.

#### Section 15 - Claims for Extra Cost

If the Contractor claims that any instructions by drawings or other media issued after the date of the Contract involved extra cost under this Contract, it shall give the Supervising Professional written notice within 7 days after the receipt of the instructions, and in any event before proceeding to execute the work, except in emergency endangering life or property. The procedure shall then be as provided for Changes in the Work-Section I3. No claim shall be valid unless so made.

If the Supervising Professional orders, in writing, the performance of any work not covered by the contract documents, and for which no item of work is provided in the Contract, and for which no unit price or lump sum basis can be agreed upon, then the extra work shall be done on a Cost-Plus-Percentage basis of payment as follows:

- (1) The Contractor shall be reimbursed for all reasonable costs incurred in doing the work, and shall receive an additional payment of 15% of all the reasonable costs to cover both its indirect overhead costs and profit;
- (2) The term "Cost" shall cover all payroll charges for employees and supervision required under the specific order, together with all worker's compensation, Social Security, pension and retirement allowances and social insurance, or other regular payroll charges on same;

the cost of all material and supplies required of either temporary or permanent character; rental of all power-driven equipment at agreed upon rates, together with cost of fuel and supply charges for the equipment; and any costs incurred by the Contractor as a direct result of executing the order, if approved by the Supervising Professional;

- (3) If the extra is performed under subcontract, the subcontractor shall be allowed to compute its charges as described above. The Contractor shall be permitted to add an additional charge of 5% percent to that of the subcontractor for the Contractor's supervision and contractual responsibility;
- (4) The quantities and items of work done each day shall be submitted to the Supervising Professional in a satisfactory form on the succeeding day, and shall be approved by the Supervising Professional and the Contractor or adjusted at once;
- (5) Payments of all charges for work under this Section in any one month shall be made along with normal progress payments. Retainage shall be in accordance with Progress Payments-Section 16.

No additional compensation will be provided for additional equipment, materials, personnel, overtime or special charges required to perform the work within the time requirements of the Contract.

When extra work is required and no suitable price for machinery and equipment can be determined in accordance with this Section, the hourly rate paid shall be 1/40 of the basic weekly rate listed in the Rental Rate Blue Book published by Dataquest Incorporated and applicable to the time period the equipment was first used for the extra work. The hourly rate will be deemed to include all costs of operation such as bucket or blade, fuel, maintenance, "regional factors", insurance, taxes, and the like, but not the costs of the operator.

### **Section 16 - Progress Payments**

The Contractor shall submit each month, or at longer intervals, if it so desires, an invoice covering work performed for which it believes payment, under the Contract terms, is due. The submission shall be to the City's Finance Department - Accounting Division. The Supervising Professional will, within 10 days following submission of the invoice, prepare a certificate for payment for the work in an amount to be determined by the Supervising Professional as fairly representing the acceptable work performed during the period covered by the Contractor's invoice. To insure the proper performance of this Contract, the City will retain a percentage of the estimate in accordance with Act 524, Public Acts of 1980. The City will then, following the receipt of the Supervising Professional's Certificate, make payment to the Contractor as soon as feasible, which is anticipated will be within 15 days.

An allowance may be made in progress payments if substantial quantities of permanent material have been delivered to the site but not incorporated in the completed work if the Contractor, in the opinion of the Supervising Professional, is diligently pursuing the work under this Contract. Such materials shall be properly stored and adequately protected. Allowance in the estimate shall be at the invoice price value of the items. Notwithstanding any payment of any allowance, all risk of loss due to vandalism or any damages to the stored materials remains with the Contractor.

In the case of Contracts which include only the Furnishing and Delivering of Equipment, the payments shall be; 60% of the Contract Sum upon the delivery of all equipment to be furnished, or in the case of delivery of a usable portion of the equipment in advance of the total equipment delivery, 60% of the estimated value of the portion of the equipment may be paid upon its delivery in advance of the time of the remainder of the equipment to be furnished; 30% of the Contract

Sum upon completion of erection of all equipment furnished, but not later than 60 days after the date of delivery of all of the equipment to be furnished; and payment of the final 10% on final completion of erection, testing and acceptance of all the equipment to be furnished; but not later than I80 days after the date of delivery of all of the equipment to be furnished, unless testing has been completed and shows the equipment to be unacceptable.

With each invoice for periodic payment, the Contractor shall enclose a Contractor's Declaration - Section 43, and an updated project schedule per Order of Completion - Section 2.

#### Section 17 - Deductions for Uncorrected Work

If the Supervising Professional decides it is inexpedient to correct work that has been damaged or that was not done in accordance with the Contract, an equitable deduction from the Contract price shall be made.

### **Section 18 - Correction of Work Before Final Payment**

The Contractor shall promptly remove from the premises all materials condemned by the Supervising Professional as failing to meet Contract requirements, whether incorporated in the work or not, and the Contractor shall promptly replace and re-execute the work in accordance with the Contract and without expense to the City and shall bear the expense of making good all work of other contractors destroyed or damaged by the removal or replacement.

If the Contractor does not remove the condemned work and materials within I0 days after written notice, the City may remove them and, if the removed material has value, may store the material at the expense of the Contractor. If the Contractor does not pay the expense of the removal within 10 days thereafter, the City may, upon 10 days written notice, sell the removed materials at auction or private sale and shall pay to the Contractor the net proceeds, after deducting all costs and expenses that should have been borne by the Contractor. If the removed material has no value, the Contractor must pay the City the expenses for disposal within 10 days of invoice for the disposal costs.

The inspection or lack of inspection of any material or work pertaining to this Contract shall not relieve the Contractor of its obligation to fulfill this Contract and defective work shall be made good. Unsuitable materials may be rejected by the Supervising Professional notwithstanding that the work and materials have been previously overlooked by the Supervising Professional and accepted or estimated for payment or paid for. If the work or any part shall be found defective at any time before the final acceptance of the whole work, the Contractor shall forthwith make good the defect in a manner satisfactory to the Supervising Professional. The judgment and the decision of the Supervising Professional as to whether the materials supplied and the work done under this Contract comply with the requirements of the Contract shall be conclusive and final.

### **Section 19 - Acceptance and Final Payment**

Upon receipt of written notice that the work is ready for final inspection and acceptance, the Supervising Professional will promptly make the inspection. When the Supervising Professional finds the work acceptable under the Contract and the Contract fully performed, the Supervising Professional will promptly sign and issue a final certificate stating that the work required by this Contract has been completed and is accepted by the City under the terms and conditions of the Contract. The entire balance found to be due the Contractor, including the retained percentage, shall be paid to the Contractor by the City within 30 days after the date of the final certificate.

Before issuance of final certificates, the Contractor shall file with the City:

- (1) The consent of the surety to payment of the final estimate;
- (2) The Contractor's Affidavit in the form required by Section 44.

In case the Affidavit or consent is not furnished, the City may retain out of any amount due the Contractor, sums sufficient to cover all lienable claims.

The making and acceptance of the final payment shall constitute a waiver of all claims by the City except those arising from:

- (1) unsettled liens;
- (2) faulty work appearing within 12 months after final payment;
- (3) hidden defects in meeting the requirements of the plans and specifications;
- (4) manufacturer's guarantees.

It shall also constitute a waiver of all claims by the Contractor, except those previously made and still unsettled.

### **Section 20 - Suspension of Work**

The City may at any time suspend the work, or any part by giving 5 days notice to the Contractor in writing. The work shall be resumed by the Contractor within 10 days after the date fixed in the written notice from the City to the Contractor to do so. The City shall reimburse the Contractor for expense incurred by the Contractor in connection with the work under this Contract as a result of the suspension.

If the work, or any part, shall be stopped by the notice in writing, and if the City does not give notice in writing to the Contractor to resume work at a date within 90 days of the date fixed in the written notice to suspend, then the Contractor may abandon that portion of the work suspended and will be entitled to the estimates and payments for all work done on the portions abandoned, if any, plus 10% of the value of the work abandoned, to compensate for loss of overhead, plant expense, and anticipated profit.

### Section 21 - Delays and the City's Right to Terminate Contract

If the Contractor refuses or fails to prosecute the work, or any separate part of it, with the diligence required to insure completion, ready for operation, within the allowable number of consecutive calendar days specified plus extensions, or fails to complete the work within the required time, the City may, by written notice to the Contractor, terminate its right to proceed with the work or any part of the work as to which there has been delay. After providing the notice the City may take over the work and prosecute it to completion, by contract or otherwise, and the Contractor and its sureties shall be liable to the City for any excess cost to the City. If the Contractor's right to proceed is terminated, the City may take possession of and utilize in completing the work, any materials, appliances and plant as may be on the site of the work and useful for completing the work. The right of the Contractor to proceed shall not be terminated or the Contractor charged with liquidated damages where an extension of time is granted under Extension of Time - Section 14.

If the Contractor is adjudged a bankrupt, or if it makes a general assignment for the benefit of creditors, or if a receiver is appointed on account of its insolvency, or if it persistently or repeatedly refuses or fails except in cases for which extension of time is provided, to supply enough properly skilled workers or proper materials, or if it fails to make prompt payments to subcontractors or for material or labor, or persistently disregards laws, ordinances or the instructions of the Supervising Professional, or otherwise is guilty of a substantial violation of any provision of the Contract, then the City, upon the certificate of the Supervising Professional that sufficient cause exists to justify

such action, may, without prejudice to any other right or remedy and after giving the Contractor 3 days written notice, terminate this Contract. The City may then take possession of the premises and of all materials, tools and appliances thereon and without prejudice to any other remedy it may have, make good the deficiencies or finish the work by whatever method it may deem expedient, and deduct the cost from the payment due the Contractor. The Contractor shall not be entitled to receive any further payment until the work is finished. If the expense of finishing the work, including compensation for additional managerial and administrative services exceeds the unpaid balance of the Contract Sum, the Contractor and its surety are liable to the City for any excess cost incurred. The expense incurred by the City, and the damage incurred through the Contractor's default, shall be certified by the Supervising Professional.

### **Section 22 - Contractor's Right to Terminate Contract**

If the work should be stopped under an order of any court, or other public authority, for a period of 3 months, through no act or fault of the Contractor or of anyone employed by it, then the Contractor may, upon 7 days written notice to the City, terminate this Contract and recover from the City payment for all acceptable work executed plus reasonable profit.

### Section 23 - City's Right To Do Work

If the Contractor should neglect to prosecute the work properly or fail to perform any provision of this Contract, the City, 3 days after giving written notice to the Contractor and its surety may, without prejudice to any other remedy the City may have, make good the deficiencies and may deduct the cost from the payment due to the Contractor.

### **Section 24 - Removal of Equipment and Supplies**

In case of termination of this Contract before completion, from any or no cause, the Contractor, if notified to do so by the City, shall promptly remove any part or all of its equipment and supplies from the property of the City, failing which the City shall have the right to remove the equipment and supplies at the expense of the Contractor.

The removed equipment and supplies may be stored by the City and, if all costs of removal and storage are not paid by the Contractor within 10 days of invoicing, the City upon 10 days written notice may sell the equipment and supplies at auction or private sale, and shall pay the Contractor the net proceeds after deducting all costs and expenses that should have been borne by the Contractor and after deducting all amounts claimed due by any lien holder of the equipment or supplies.

### **Section 25 - Responsibility for Work and Warranties**

The Contractor assumes full responsibility for any and all materials and equipment used in the construction of the work and may not make claims against the City for damages to materials and equipment from any cause except negligence or willful act of the City. Until its final acceptance, the Contractor shall be responsible for damage to or destruction of the project (except for any part covered by Partial Completion and Acceptance - Section 26). The Contractor shall make good all work damaged or destroyed before acceptance. All risk of loss remains with the Contractor until final acceptance of the work (Section 19) or partial acceptance (Section 26). The Contractor is advised to investigate obtaining its own builders risk insurance.

The Contractor shall guarantee the quality of the work for a period of one year. The Contractor shall also unconditionally guarantee the quality of all equipment and materials that are furnished and installed under the contract for a period of one year. At the end of one year after the Contractor's receipt of final payment, the complete work, including equipment and materials

furnished and installed under the contract, shall be inspected by the Contractor and the Supervising Professional. Any defects shall be corrected by the Contractor at its expense as soon as practicable but in all cases within 60 days. Any defects that are identified prior to the end of one year shall also be inspected by the Contractor and the Supervising Professional and shall be corrected by the Contractor at its expense as soon as practicable but in all cases within 60 days. The Contractor shall assign all manufacturer or material supplier warranties to the City prior to final payment. The assignment shall not relieve the Contractor of its obligations under this paragraph to correct defects.

### **Section 26 - Partial Completion and Acceptance**

If at any time prior to the issuance of the final certificate referred to in Acceptance and Final Payment - Section 19, any portion of the permanent construction has been satisfactorily completed, and if the Supervising Professional determines that portion of the permanent construction is not required for the operations of the Contractor but is needed by the City, the Supervising Professional shall issue to the Contractor a certificate of partial completion, and immediately the City may take over and use the portion of the permanent construction described in the certificate, and exclude the Contractor from that portion.

The issuance of a certificate of partial completion shall not constitute an extension of the Contractor's time to complete the portion of the permanent construction to which it relates if the Contractor has failed to complete it in accordance with the terms of this Contract. The issuance of the certificate shall not release the Contractor or its sureties from any obligations under this Contract including bonds.

If prior use increases the cost of, or delays the work, the Contractor shall be entitled to extra compensation, or extension of time, or both, as the Supervising Professional may determine.

## Section 27 - Payments Withheld Prior to Final Acceptance of Work

The City may withhold or, on account of subsequently discovered evidence, nullify the whole or part of any certificate to the extent reasonably appropriate to protect the City from loss on account of:

- (1) Defective work not remedied;
- (2) Claims filed or reasonable evidence indicating probable filing of claims by other parties against the Contractor;
- (3) Failure of the Contractor to make payments properly to subcontractors or for material or labor:
- (4) Damage to another Contractor.

When the above grounds are removed or the Contractor provides a Surety Bond satisfactory to the City which will protect the City in the amount withheld, payment shall be made for amounts withheld under this section.

#### Section 28 - Contractor's Insurance

(1) The Contractor shall procure and maintain during the life of this Contract, including the guarantee period and during any warranty work, such insurance policies, including those set forth below, as will protect itself and the City from all claims for bodily injuries, death

or property damage which may arise under this Contract; whether the act(s) or omission(s) giving rise to the claim were made by the Contractor or by any subcontractor or anyone employed by them directly or indirectly. In the case of all contracts involving on-site work, the Contractor shall provide to the City, before the commencement of any work under this contract, certificates of insurance and other documentation satisfactory to the City demonstrating it has obtained the policies and endorsements required.on behalf of itself, and when requested, any subcontractor(s). The certificates of insurance endorsements and/or copies of policy language shall document that the Contractor satisfies the following minimum requirements.

(a) Worker's Compensation Insurance in accordance with all applicable state and federal statutes. Further, Employers Liability Coverage shall be obtained in the following minimum amounts:

Bodily Injury by Accident - \$500,000 each accident Bodily Injury by Disease - \$500,000 each employee Bodily Injury by Disease - \$500,000 each policy limit

(b) Commercial General Liability Insurance equivalent to, as a minimum, Insurance Services Office form CG 00 01 07 98 or current equivalent. The City of Ann Arbor shall be named as an additional insured. There shall be no added exclusions or limiting endorsements specifically for the following coverages: Products and Completed Operations, Explosion, Collapse and Underground coverage or Pollution. Further there shall be no added exclusions or limiting endorsements which diminish the City's protections as an additional insured under the policy. The following minimum limits of liability are required:

\$1,000,000 Each occurrence as respect Bodily Injury Liability or Property Damage Liability, or both combined.

\$2,000,000 Per Job General Aggregate

\$1,000,000 Personal and Advertising Injury

\$2,000,000 Products and Completed Operations Aggregate

- (c) Motor Vehicle Liability Insurance, including Michigan No-Fault Coverages, equivalent to, as a minimum, Insurance Services Office form CA 00 01 07 97 or current equivalent. Coverage shall include all owned vehicles, all non-owned vehicles and all hired vehicles. The City of Ann Arbor shall be named as an additional insured. There shall be no added exclusions or limiting endorsements which diminish the City's protections as an additional insured under the policy. Further, the limits of liability shall be \$1,000,000 for each occurrence as respects Bodily Injury Liability or Property Damage Liability, or both combined.
- (d) Umbrella/Excess Liability Insurance shall be provided to apply excess of the Commercial General Liability, Employers Liability and the Motor Vehicle coverage enumerated above, for each occurrence and for aggregate in the amount of \$1,000,000.
- (2) Insurance required under subsection (1)(b) and (1)(c) above shall be considered primary as respects any other valid or collectible insurance that the City may possess, including any self-insured retentions the City may have; and any other insurance the City does possess shall be considered excess insurance only and shall not be required to contribute with this insurance. Further, the Contractor agrees to waive any right of recovery by its insurer against the City.
- (3) Insurance companies and policy forms are subject to approval of the City Attorney, which

approval shall not be unreasonably withheld. Documentation must provide and demonstrate an unconditional 30 day written notice of cancellation in favor of the City of Ann Arbor. Further, the documentation must explicitly state the following: (a) the policy number; name of insurance company; name and address of the agent or authorized representative; name and address of insured; project name; policy expiration date; and specific coverage amounts; (b) any deductibles or self-insured retentions which shall be approved by the City, in its sole discretion; (c) that the policy conforms to the requirements specified Contractor shall furnish the City with satisfactory certificates of insurance and endorsements prior to commencement of any work. Upon request, the Contractor shall provide within 30 days a copy of the policy(ies) to the City. If any of the above coverages expire by their terms during the term of this Contract, the Contractor shall deliver proof of renewal and/or new policies and endorsements to the Administering Service Area/Unit at least ten days prior to the expiration date.

- (4) Any Insurance provider of Contractor shall be admitted and authorized to do business in the State of Michigan and shall carry and maintain a minimum rating assigned by A.M. Best & Company's Key Rating Guide of "A-" Overall and a minimum Financial Size Category of "V". Insurance policies and certificates issued by non-admitted insurance companies are not acceptable unless approved in writing by the City.
- (5) City reserves the right to require additional coverage and/or coverage amounts as may be included from time to time in the Detailed Specifications for the Project.
- (6) The provisions of General Condition 28 shall survive the expiration or earlier termination of this contract for any reason.

### **Section 29 - Surety Bonds**

Bonds will be required from the successful bidder as follows:

- (1) A Performance Bond to the City of Ann Arbor for the amount of the bid(s) accepted:
- (2) A Labor and Material Bond to the City of Ann Arbor for the amount of the bid(s) accepted.

Bonds shall be executed on forms supplied by the City in a manner and by a Surety Company authorized to transact business in Michigan and satisfactory to the City Attorney.

### **Section 30 - Damage Claims**

The Contractor shall be held responsible for all damages to property of the City or others, caused by or resulting from the negligence of the Contractor, its employees, or agents during the progress of or connected with the prosecution of the work, whether within the limits of the work or elsewhere. The Contractor must restore all property injured including sidewalks, curbing, sodding, pipes, conduit, sewers or other public or private property to not less than its original condition with new work.

### **Section 31 - Refusal to Obey Instructions**

If the Contractor refuses to obey the instructions of the Supervising Professional, the Supervising Professional shall withdraw inspection from the work, and no payments will be made for work performed thereafter nor may work be performed thereafter until the Supervising Professional shall have again authorized the work to proceed.

#### **Section 32 - Assignment**

Neither party to the Contract shall assign the Contract without the written consent of the other. The Contractor may assign any monies due to it to a third party acceptable to the City.

#### **Section 33 - Rights of Various Interests**

Whenever work being done by the City's forces or by other contractors is contiguous to work covered by this Contract, the respective rights of the various interests involved shall be established by the Supervising Professional, to secure the completion of the various portions of the work in general harmony.

The Contractor is responsible to coordinate all aspects of the work, including coordination of, and with, utility companies and other contractors whose work impacts this project.

#### **Section 34 - Subcontracts**

The Contractor shall not award any work to any subcontractor without prior written approval of the City. The approval will not be given until the Contractor submits to the City a written statement concerning the proposed award to the subcontractor. The statement shall contain all information the City may require.

The Contractor shall be as fully responsible to the City for the acts and omissions of its subcontractors, and of persons either directly or indirectly employed by them, as it is for the acts and omissions of persons directly employed by it.

The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind subcontractors to the Contractor by the terms of the General Conditions and all other contract documents applicable to the work of the subcontractors and to give the Contractor the same power to terminate any subcontract that the City may exercise over the Contractor under any provision of the contract documents.

Nothing contained in the contract documents shall create any contractual relation between any subcontractor and the City.

## **Section 35 - Supervising Professional's Status**

The Supervising Professional has the right to inspect any or all work. The Supervising Professional has authority to stop the work whenever stoppage may be appropriate to insure the proper execution of the Contract. The Supervising Professional has the authority to reject all work and materials which do not conform to the Contract and to decide questions which arise in the execution of the work.

The Supervising Professional shall make all measurements and determinations of quantities. Those measurements and determinations are final and conclusive between the parties.

## **Section 36 - Supervising Professional's Decisions**

The Supervising Professional shall, within a reasonable time after their presentation to the Supervising Professional, make decisions in writing on all claims of the City or the Contractor and on all other matters relating to the execution and progress of the work or the interpretation of the contract documents.

### **Section 37 - Storing Materials and Supplies**

Materials and supplies may be stored at the site of the work at locations agreeable to the City unless specific exception is listed elsewhere in these documents. Ample way for foot traffic and drainage must be provided, and gutters must, at all times, be kept free from obstruction. Traffic on streets shall be interfered with as little as possible. The Contractor may not enter or occupy with agents, employees, tools, or material any private property without first obtaining written permission from its owner. A copy of the permission shall be furnished to the Supervising Professional.

#### Section 38 - Lands for Work

The Contractor shall provide, at its own expense and without liability to the City, any additional land access that may be required for temporary construction facilities or for storage of materials.

#### Section 39 - Cleaning Up

The Contractor shall, as directed by the Supervising Professional, remove at its own expense from the City's property and from all public and private property all temporary structures, rubbish and waste materials resulting from its operations unless otherwise specifically approved, in writing, by the Supervising Professional.

#### Section 40 - Salvage

The Supervising Professional may designate for salvage any materials from existing structures or underground services. Materials so designated remain City property and shall be transported or stored at a location as the Supervising Professional may direct.

## Section 41 - Night, Saturday or Sunday Work

No night or Sunday work (without prior written City approval) will be permitted except in the case of an emergency and then only to the extent absolutely necessary. The City may allow night work which, in the opinion of the Supervising Professional, can be satisfactorily performed at night. Night work is any work between 8:00 p.m. and 7:00 a.m. No Saturday work will be permitted unless the Contractor gives the Supervising Professional at least 48 hours but not more than 5 days notice of the Contractor's intention to work the upcoming Saturday.

#### **Section 42 - Sales Taxes**

Under State law the City is exempt from the assessment of State Sales Tax on its direct purchases. Contractors who acquire materials, equipment, supplies, etc. for incorporation in City projects are not likewise exempt. State Law shall prevail. The Bidder shall familiarize itself with the State Law and prepare its Bid accordingly. No extra payment will be allowed under this Contract for failure of the Contractor to make proper allowance in this bid for taxes it must pay.

### Section 43

# **CONTRACTOR'S DECLARATION**

I hereby declare that I have not, during the	period	, 20, to	, 20
, performed any work, furnished any mater	ials, sustained any loss	s, damage or dela	y, or otherwise
done anything in addition to the regular iten	ns (or executed change	e orders) set forth	in the Contract
titled, fo	r which I shall ask	demand, sue	for, or claim
compensation or extension of time from t	he City, except as I h	ereby make clain	n for additional
compensation or extension of time as se	et forth on the attache	ed itemized state	ment. I further
declare that I have paid all payroll obligation	ns related to this Contra	act that have beco	ome due during
the above period and that all invoices relat	ed to this Contract rec	eived more than 3	30 days prior to
this declaration have been paid in full exce	ept as listed below.		
There is/is not (Contractor please circle on	e <u>and</u> strike one as ap <sub>l</sub>	oropriate) an item	ized statement
attached regarding a request for additional	I compensation or exte	nsion of time.	
O- who show	D-4-	<u> </u>	
Contractor	Date		
Ву			
(Signature)			
(Signature)			
Its			
(Title of Office)			
(Tide of Office)			
Past due invoices, if any, are listed below.			
i asi due involces, il arry, are listed below.			

# Section 44

# **CONTRACTOR'S AFFIDAVIT**

The undersigned Contractor,	, represents that on,
20, it was awarded a contract by the City of	represents that on, of Ann Arbor, Michigan to under
the terms and conditions of a Contract titled _	The Contractor
represents that all work has now been accomp	olished and the Contract is complete.
has been fully paid or satisfactorily secured; a for labor and material used in accomplishing t the performance of the Contract, have been	f its indebtedness arising by reason of the Contract and that all claims from subcontractors and others the project, as well as all other claims arising from fully paid or satisfactorily settled. The Contractor se, it shall assume responsibility for it immediately r.
Contractor Dat	to.
Contractor	.e
Bv	
By (Signature)	
Its	
(Title of Office)	
Subscribed and sworn to before me, on this,	day of, 20 County, Michigan
Notary Public	
County, MI	
My commission expires on:	

#### STANDARD SPECIFICATIONS

All work under this contract shall be performed in accordance with the Public Services Department Standard Specifications in effect at the date of availability of the contract documents stipulated in the Bid. All work under this Contract which is not included in these Standard Specifications, or which is performed using modifications to these Standard Specifications, shall be performed in accordance with the Detailed Specifications included in these contract documents.

Standard Specifications are available online: http://www.a2gov.org/departments/engineering/Pages/Engineering-and-Contractor-Resources.aspx

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#### **DETAILED SPECIFICATIONS**

#### DETAILED SPECIFICATION FOR MACHINE GRADING

#### **DESCRIPTION**

This work shall consist of constructing earth grades by excavating, cutting, filling, trimming, and grading; furnishing and placing a 3-inch thick layer of topsoil; seeding and mulching; turf establishment and general restoration in accordance with the Detailed Specifications elsewhere herein; and maintaining the work in a finished condition until such time that it is accepted by the Supervising Professional. This work shall be done as shown on the Plans, as detailed in the Specifications, and as directed by the Supervising Professional, and in accordance with Section 205 of the 2003 edition of the MDOT Standard Specification for Construction, except as specified herein.

#### **CONSTRUCTION METHOD**

The Contractor shall construct earth grades as required to develop the typical and/or detailed cross-section(s) as shown on the Plans, as detailed in the Specifications, and as directed by the Supervising Professional. This shall include, but not be limited to, the excavation of bituminous pavement, soil, rocks of any size, stumps, logs and bricks; the removal and proper disposal off-site of surplus excavated material and material which is determined by the Supervising Professional to be unsuitable for re-use; the scarifying, plowing, disking, moving and shaping of earth: the trimming, grading, compaction and proof-rolling of the prepared subgrade; the importing, furnishing, placement and compaction of embankment and/or fill materials; the full depth saw-cutting of pavement at the removal limits; the grading of sideslopes; the furnishing and placing of a 3-inch thick layer of topsoil; seeding, turf establishment and general restoration in accordance with the Detailed Specifications elsewhere herein and the general items of the work as specified herein.

The Contractor shall remove, add to, re-shape, re-grade, and re-compact the existing court or pathway surface materials, and shall construct the court areas, parking lots, or pathways to the cross-section(s) as indicated on the Plans, as detailed in the Specifications, and as directed by the Supervising Professional. The Contractor shall use blade graders, maintainers, vibratory rollers, and/or other equipment as necessary, and as directed by the Supervising Professional, for this work. Use of each specific piece of equipment is subject to the approval of the Supervising Professional.

The Contractor shall remove other surface features located within the grading limits and not otherwise identified, as directed by the Supervising Professional.

The Contractor shall move excavated and/or imported materials longitudinally and/or transversely where necessary, and as directed by Supervising Professional.

The Contractor shall keep the work well graded and drained at all times.

The Contractor shall not use rubber-tired equipment on the subgrade, when its use causes or may cause, in the opinion of the Supervising Professional, damage to the subgrade. The Contractor shall conduct its operation(s), and provide all necessary equipment, to insure the satisfactory completion of the work without damaging the subgrade. This includes the transporting, stockpiling, rehandling, and movement of materials over additional distances, in lieu of driving on an unprotected, or partially unprotected, subgrade.

The Contractor is solely responsible for the maintenance and protection of the subgrade. Further, any damage to the subgrade which, in the opinion of the Supervising Professional, is caused as a result of the Contractor's operation(s), or its subcontractors' or suppliers' operation(s), shall be repaired by the Contractor at the Contractor's expense. This includes any additional earthwork and/or maintenance materials as directed by the Supervising Professional, for the purposes of the Contractor's maintenance and protection of the subgrade. The Contractor shall **not** be entitled to any additional compensation for the implementation of these procedures.

The Contractor shall perform all rough and/or finish grading and compaction to the grades shown on the Plans, as detailed in the Specifications, and as directed by the Supervising Professional.

The Contractor shall proofroll all graded and compacted surfaces in the presence of the Supervising Professional. The Supervising Professional will monitor the proofrolling operation to locate deleterious and/or uncompacted materials, and will direct undercuts as necessary.

At various times throughout the work, the Supervising Professional may direct the Contractor to use smaller and/or lighter equipment, and to defer certain work tasks, in order to protect the grade and/or adjacent areas. The Contractor shall not be entitled to any additional compensation for the use of smaller equipment, lighter equipment, or work task deferral.

The Contractor shall continuously maintain all drive entrances located within the construction limits.

#### MEASUREMENT AND PAYMENT

Measurement for payment of this item shall be the computed cubic yard quantity of excavated material (pavement, soil, rock, brick, etc.) from the top of existing grade down to the bottom of the excavation. Embankment, fill, subgrade protection/maintenance, drainage maintenance, topsoil, seeding, and restoration quantities will not be paid for separately, and are included in this item of work.

The completed work as measured for this item of work will be paid for at the Contract Unit Price for the following Contract (Pay) Item:

PAY ITEM

Machine Grading

LS

The unit price for this item of work shall include all labor, material, and equipment costs to perform all the work specified in the Standard Specifications and as modified by this Detailed Specification.

# FOR CLASS II SAND - C.I.P.

21AA LIMESTONE - C.I.P. 21A LIMESTONE - C.I.P.

#### **DESCRIPTION**

This work shall consist of constructing an aggregate subbase or base course on an existing aggregate surface, or on a prepared subgrade in accordance with Sections 301, 302 and 307 of the 2003 edition of the MDOT Standard Specifications for Construction, except as specified herein.

#### **MATERIAL**

The materials used for this work shall be MDOT 21AA or 21A Limestone, and Class II granular material meeting the requirements of the City of Ann Arbor Standard Specifications.

#### **CONSTRUCTION METHOD**

Sand or aggregate courses shall not be placed if, in the opinion of the Supervising Professional, there are any indications that they may become frozen before their specified densities are obtained.

Sand or aggregate courses shall not be placed on a frozen base, subbase or subgrade.

The Contractor shall not use rubber-tired equipment on the grade, when its use causes, or may cause, in the opinion of the Supervising Professional, damage to the grade. The Contractor shall conduct his/her operation(s), and provide all necessary equipment, to insure the satisfactory completion of the work without damaging the grade. This includes the transporting, stockpiling, rehandling, and movement of materials over additional distances, in lieu of driving on an unprotected, or partially unprotected, grade.

The Contractor is solely responsible for the maintenance and protection of the grade. Further, any damage to the grade which, in the opinion of the Supervising Professional, is caused as a result of the Contractor's operation(s), or his/her subcontractors' or suppliers' operation(s), shall be repaired by the Contractor at the Contractor's expense. This includes any additional earthwork and/or maintenance materials as directed by the Supervising Professional, for the purposes of the Contractor's maintenance and protection of the grade.

The Contractor shall shape the base, subbase and subgrade to the elevations, crowns, and grades as specified on the Plans and as directed by the Supervising Professional. This may include regrading the subbase to provide different crown grades than those existing prior to the construction.

The Contractor shall remove, add to, re-shape, re-grade, and re-compact the existing subbase materials, and shall construct the game court, parking lot, driveways, pathways, and tennis courts to the cross-section(s) as indicated on the Plans, as detailed in the Specifications, and as directed by the Supervising Professional. The Contractor shall use blade graders, maintainers, vibratory rollers, and/or other equipment as necessary, and as directed by the Supervising Professional, for this work. Use of each specific piece of equipment is subject to the approval of the Supervising Professional.

The Contractor shall maintain the base, subbase and subgrade in a smooth, well drained condition at all times.

Sand and aggregate courses shall be placed in uniform layers such that when compacted, they have the thicknesses shown on the Plans, or as directed by the Supervising Professional. The loose measure of any layer shall not be more than 9-inches nor less than 4-inches.

Sand subbase and aggregate base courses shall be compacted to not less than 98% of their respective maximum unit weights, as determined by the AASHTO T-180 test.

All granular materials shall be deposited from trucks or through a spreader in a manner that will minimize segregation of material.

Manholes, valve boxes, inlet structures and curbs shall be protected from damage. Manholes & inlet structures shall be continuously cleaned of construction debris and properly covered at all times during the construction. Upon completion of each days work, manholes, water valve boxes, inlets and catch basins shall be thoroughly cleaned of all extraneous material.

At various times throughout the work, the Supervising Professional may direct the Contractor to use smaller and/or lighter equipment, and to defer certain work tasks, in order to protect the grade and/or adjacent areas. The Contractor shall not be entitled to any additional compensation for the use of smaller equipment, lighter equipment, or work task deferral.

#### MEASUREMENT AND PAYMENT

Where granular materials are used as base, as subbase, or as fill for undercuts in Machine Grading areas, items of work "Aggregate Base Course 21AA -C.I.P." and "Sand Subbase Course CL II - C.I.P." shall be measured and paid accordingly.

Where granular materials are used as fill for undercuts at locations other than Machine Grading areas, items of work "22A Aggregate - C.I.P.", "CL II Sand - C.I.P." and "21AA Limestone - C.I.P." shall be measured and paid accordingly.

The completed work as measured for these items of work will be paid for at the Contract Unit Prices for the following Contract (Pay) Items:

PAY ITEM	<u>PAY UNIT</u>
CL II Sand - C.I.P.	Square Yard
21AA Limestone - C.I.P.	Square Yard
21A Limestone – C.I.P.	Square Yard

The unit prices for these items of work shall include all labor, material, and equipment costs to perform all the work specified in the Standard Specifications and as modified by this Detailed Specification.

# DETAILED SPECIFICATION FOR BITUMINOUS PAVEMENT LEVELING - REGULAR BITUMINOUS PAVEMENT WEARING - REGULAR BITUMINOUS GAME COURTS PATHWAYS, AND TENNIS COURTS

#### **DESCRIPTION**

This work shall consist of constructing bituminous pavement base, leveling, and surface courses for bituminous pathways, parking lots, driveways, game courts, and tennis courts in accordance with Division 5 and Section 806 of the 2003 edition of the MDOT Standard Specifications, current supplemental MDOT specifications, and the City of Ann Arbor Standard Specifications, except as modified herein, and as directed by the Supervising Professional.

#### **MATERIALS AND EQUIPMENT**

#### General

The bituminous mixtures to be used for this work shall be as follows:

#### **WORK ITEM**

#### MDOT BITUMINOUS MIXTURE #

Bituminous Pathways, Basketball Courts & Tennis Courts

36A as directed by the Supervising Professional.

Asphalt Binders shall be grade PG 52-28 as directed by the Supervising Professional, and shall meet the requirements specified in Section 904 of the 2003 edition of the MDOT Standard Specifications, and any current supplemental MDOT specifications.

The Contractor shall have a 10-foot long straight-edge, backhoe, air-compressor and jackhammer available during all paving operations.

#### Reclaimed Asphalt Pavement (RAP) in Bituminous Mixtures

The use of Reclaimed Asphalt Pavement (RAP) in bituminous mixtures shall be allowed only in parking lots and driveways in accordance with Section 501.02.A.2 of the 2003 edition of the MDOT Standard Specifications, and the City of Ann Arbor Standard Specifications.

RAP materials <u>shall not</u> be included in bituminous mixtures used for pathways, game courts, or tennis courts. All materials within these bituminous mixtures shall be of first use origin.

#### **CONSTRUCTION METHODS**

All concrete work shall be completed prior to placing bituminous mixtures.

The Contractor shall have a 10-foot long straight-edge, backhoe, air-compressor and jackhammer available during all paving operations.

The Contractor shall schedule the paving operation to avoid longitudinal cold joints.

Bituminous wearing and leveling courses shall be placed in lifts of 2-inches or less; base courses shall be placed in lifts of 3-inches or less. The orientation of bituminous courses for game or tennis courts shall be

installed in the following directions; base course parallel to net alignment (across play) and top or wearing course perpendicular to net alignment (length-wise to play).

All specified and detailed bituminous thickness dimensions are compacted-in-place.

The Contractor shall construct the pavement courses to provide the final cross-slopes (crowns) specified on the drawings or as directed by the Supervising Professional.

During the placement of leveling and wearing courses, the speed of the paving machine(s) shall not exceed 50-feet per minute. During the placement of wearing courses on game court areas, the speed of the paving machine(s) shall not exceed 30-feet per minute

The Contractor shall furnish and operate enough materials and equipment so as to keep the paving machine(s) moving continuously at all times. Failure to do so shall be cause for the suspension of the paving operation until the Contractor can demonstrate to the satisfaction of the Supervising Professional, that sufficient resources have been dedicated to perform the work in accordance with the specifications.

Each layer of bituminous mixture shall be compacted to at least 97 percent (or as determined acceptable by the Supervising Professional) of the control density, as determined by using the MDOT MODIFIED MARSHALL TEST.

Prior to placing the bond coat, the Contractor shall kill all vegetation (within the area to be paved) by applying an approved weed killer ("Round-Up" by Monsanto, or equal), shall thoroughly clean all joints & cracks in the existing pavement (and any gutter to be overlaid) with compressed air and/or vacuum-type street cleaning equipment to remove all dirt and debris to a depth of at least 1-inch, and shall thoroughly clean the entire surface to be paved, with a Vac-All or similar vacuum-type street cleaning equipment.

MDOT SS-1h bond coat shall be applied at a uniform rate of 0.05 gallons/square yard, on all exposed, existing bituminous and concrete surfaces which will come in contact with the new bituminous material. The Contractor shall take extra care to avoid covering surfaces which are not to be paved. After September 15, SS-1h bond coat shall not be diluted by more than 25%.

The Contractor shall place bituminous wedges using the base, leveling, and wearing mixtures specified herein, as directed by the Supervising Professional, prior to placing the wearing course. Such wedging shall be measured and paid for at the respective unit price of the appropriate Bituminous Pavement item.

Construction of butt joints, where directed by the Supervising Professional, shall be measured and paid for as "Remove Bituminous Pavement."

The Contractor shall provide a minimum of two rakers during the placement of all wearing and leveling courses. Further, the Contractor shall provide, when directed by the Supervising Professional, a second "Break-Down" roller in order to achieve the specified asphalt densities.

The Contractor shall provide a minimum of 24-hours notice to the Supervising Professional prior to paving, and shall obtain a "Permit To Pave" from the Supervising Professional in advance of scheduling paving.

The Contractor and Supervising Professional shall carefully observe the paving operation for signs of faulty mixtures. Points of weakness in the surface shall be removed or corrected by the Contractor, at their expense, prior to paving subsequent lifts of bituminous material. Such corrective action may include the removal and replacement of thin or contaminated sections of pavement, including sections which are weak or unstable. Once the Contractor or his representative is notified by the Supervising Professional that the material being placed is out of allowable tolerances, or there is a problem with the paving operation, the Contractor shall stop the paving operation at once, and shall not be permitted to continue placing bituminous material until again authorized by the Supervising Professional.

At various times throughout the work, the Supervising Professional may direct the Contractor to use smaller and/or lighter equipment, and to defer certain work tasks, in order to protect the grade and/or adjacent areas. The Contractor shall not be entitled to any additional compensation for the use of smaller equipment, lighter equipment, or work task deferral.

#### MEASUREMENT AND PAYMENT

Measurement of these bituminous paving items shall be by the ton, in place. Unused portions of material loads shall be returned to the plant and re-weighed, and the corrected weight slip shall be provided to the Supervising Professional. All weight slips must include the type of mixture (codes are not acceptable), as well as vehicle number, gross weight, tare weight and net weight.

Payment for "Pathway, Grading" is not included in these items of work, but will be measured and paid for as the item of work "Machine Grading", as specified elsewhere herein.

Payment for "Pathway, Aggregate" is not included in these items of work, but will be measured and paid for as the item of work "Aggregate Base Course 21AA, C.I.P.", as specified elsewhere herein.

Price adjustments shall be enforced as described at Section 4.00.19 MDOT Standard Specifications (1990 edition) and will be based on the City's testing reports.

All costs for furnishing and operating vacuum-type street cleaning equipment, backhoes, jackhammers, and air compressors shall be included in the bid prices for these items of work or in the item of work "General Conditions."

The completed work as measured for these items of work will be paid for at the Contract Unit Prices for the following Contract (Pay) Items:

PAY ITEM PAY UNIT

All Bituminous Pavement Items

SY

The unit prices for these items of work shall include all labor, material, and equipment costs to perform all the work specified in the Standard Specifications and as modified by this Detailed Specification.

# DETAILED SPECIFICATION FOR PICKLEBALL AND TENNIS COURT EQUIPMENT

Equipment shall be purchased by Contractor and stored at Contractor's yard until the equipment is to be installed. The contractor shall be responsible to check that the equipment is free of defects prior to installation. The installation shall be according to manufacturer's specifications.

Products purchased for this project shall be as follows:

Pickleball equipment:

Douglas Pickleball steel net posts 2-7/8" OD, 8 gauge with aluminum E-Z reel #8506G Douglas aluminum ground sleeves, 24" long, #8507 Douglas Pickleball net, 3' x 21'9" #8515

Tennis equipment:

Douglas Sidewinder, 63005B, 3.5" green posts

Include center strap anchors

Douglas Tournament Net, 30030 TN-3DM, Vinyl coated polyester, 2 ply, 65 oz. (20 oz/sy)

Equivalent equipment may be proposed, and must be approved by City prior to acceptance and purchase in writing.

# DETAILED SPECIFICATIONS FOR TENNIS COURT COLOR COATING

#### SCOPE OF WORK

The work covered by these specifications consists of furnishing all labor, equipment and materials, and performing all operations in connection with color coating and striping.

Prior to applying color coat system, the net sleeves, center strap anchor and fencing shall be installed by contractor. New asphalt shall be allowed to cure for 30 days prior to application of color coat.

#### SURFACE PREPARATION

Allow asphalt to cure for 14 days. Any depressions or 'bird baths' that cover a nickel shall be marked and repaired with acrylic patch mix. Surfaces shall be broom cleaned, power washed or prepared sufficiently to receive color coating materials as per manufacturer's requirements.

#### SURFACING MATERIAL

- 1. Acrylic Resurfacer 1 coat. Surface shall be uniform texture, clean and free of grease, oils and other foreign materials. Mix shall be the following: 55 gallons acrylic resurfacer, 20-40 gallons water, 600-900 lbs sand. The application rate shall be .05-.07 gallons per square yard.
- 2. Fortified Plexi-pave 2 coats 1st coat shall be applied at a rate of .1-.07 gallons per square yard. Second coat shall be applied at a rate of .07-.05 gallons per square yard.
- 3. Line Paint all 2" lines are to be taped on each side of line and laid out as per attached plan sheets. Paint is to be acrylic latex striping.
- 4. Color shall be blue inside the lined section of the separate courts, and green between the courts and to the edge of asphalt. Colors shall be approved by City prior to application.
- 5. Color coat shall extend to edges of asphalt surface.

#### TECHNICAL SPECIFICATIONS FOR FINISH GRADING, FERTILIZING AND SEEDING

#### SCOPE OF THE WORK

The work covered by these specifications consist of furnishing all labor, equipment and materials, and performing all operations in connection with finish grading, fertilizing, seeding, and mulching. The area to be included consists of all ground surface area that has been disturbed during the construction of any and all elements covered by this contract. Hydroseeding will be permitted with special authorization.

#### **MATERIALS**

- A. TOPSOIL Existing topsoil in areas to be disturbed shall be stripped, stockpiled where designated, and re-spread on the finished subgrade. Additional topsoil shall be furnished by the Contractor at his cost. It shall be good quality loamy topsoil, free from lumps, sod, stones, and other debris of any kind and approved by the Parks Department. Compost may called out to be applied to area, disc in to the top 4 inches.
- B. FERTILIZER Fertilizer shall be a complete commercial fertilizer of at least 25% organic base containing 10% Nitrogen, and 10% Potash.
- C. SEED Grass seed shall be fresh, clean, new crop seed composed of the following varieties mixed in the proportions by weight shown and testing the minimum percentages of purity and germination indicated.

NAME	% BY WEIGHT	% PURITY	% GERMINATION
Kentucky bluegrass	25	95	80
(Poapratensis)			
Choose at least 2 of			
the following varieties:			
Enmundi, Touchdown,			
Sydsport, Adelphi, Glade, Majestic, A-34			
(Ben-Sun), RAM I,			
Somersett, Mystic			
Kentucky bluegrass	25	95	80
(Poaprantensis)	23	93	80
Choose at least 2 of			
the following varieties:			
America, Eclipse,			
Bristol, Challenger,			
Nassau, Georgetown, Baron			
Turf-type perennial rye-			
grass (lolium perenne)	60	95	80
grass (tottum perenne)	00	75	80
Choose at least 3 of the			
following varieties:			
Manhatten II, Palmer,			
Yorktown II, Gater,			

Prelude, Blazer, Premier, Onega ll Due to limited quantities of certain varieties, substitutions may be used subject to Parks and Recreation approval.

#### **OPERATION**

- A. REPLACING TOPSOIL Topsoil shall be placed on top of the finished sub-grade to a settled depth of four (4) inches and shall meet final grades as shown on the plans or designated on the site. The topsoil shall them be raked until there is a smooth even surface free form clay lumps, stones, roots, sod clumps and any other debris of more than two (2) inches in diameter which might be a hinderance to seeding operations.
- B. FERTILIZING Fertilizer as approved by the Parks Department shall be spread evenly with a mechanical spreader at the rate of 20 pounds per thousand square feet and thoroughly incorporated into the topsoil to a depth of two (2) inches. Immediately before sowing the seed the Contractor shall rework the surface until it is a fine pulverized seed bed, varying not more than one (1) inch in ten (10) feet.
- C. SEEDING The approved dates for seeding are from April 1 to May 15, and from August 15 to September 15. The Contractor must make every effort to seed within these dates. Grass seed as specified shall be evenly sown at the rate of four (4) pounds per thousand square feet and lightly worked into the surface using a mechanical seeder such as a lawn maker or brillion. Cultipacker or approved similar equipment may be used to cover the seed and form the seed bed in one operation.
- D. MULCH Seeded areas are to be covered with a loosely applied layer of clean grain-free straw at the rate of two (2) tons per acre; or 3,000 pounds of straw.
- E. ACCEPTANCE It is the responsibility of the Contractor to establish a dense lawn of permanent grasses, free from mounds and depressions. Any part of the area that fails to show a uniform germination shall be reseeded and such reseeding shall continue until a dense lawn is established. The Contractor shall keep seeded areas continually moist up to the time it is three (3) inches high and then he shall mow it. Damage to seeded area resulting from erosion shall be repaired by the Contractor. Scattered bare spots will not be allowed over three (3) percent of the area nor greater than one (1) square foot in size. When the above requirements of the specifications have been fulfilled, the Owner will accept the lawn.
- F. TURF ESTABLISHMENT The Contractor shall be responsible for providing barricading (snow fence or the like) as necessary in high traffic areas until such time as the turf has fully established. At the Contractor's option, high traffic areas may be sodded to facilitate turf establishment.
- G. HYDROSEEDING Areas approved to be sown by hydroseeding or broadcast method shall be floated and lightly compacted to incorporate the seed into the uppermost one-half inch of soil and covered with mulch. All areas that do not have successful seed germination within three weeks shall be re-seeded by the Contractor until the requirements for acceptance have been satisfied.
- H. STEEP SLOPES Areas containing slopes greater than 1:2 (1'-0" vertical change per 2'-0" horizontal distance) shall be covered with "Excelsior Mulch Blankets" or an approved erosion control system. The blankets shall be placed with the netting on top and the fibers in contact with the soil over the entire area. The blankets shall be butted tightly against each other and stapled at three-foot intervals along joints, edges, and down the centerline of each blanket. As an alternative, the Contractor may install pegged sod. However, any slippage or die-out of sod sections must be repaired or replaced by the Contractor prior to final acceptance.

#### DETAILED SPECIFICATIONS FOR FENCING

Fencing shall be black vinyl coated chainlink, 10' or 12' height (see bid form)

Mid and bottom rails are required

Pipe Type	O.D.	Nominal Pipe Size	Weight
Terminal, Turning or Gate Pos	st 4.0" Ο.Γ	). 3.5°°	9.11 lb/ft
Line Post	3.5" O.I	). 3.0"	7.58 lb/ft
Top Rail	1 5/8" O.Γ	). 1.66"	2.27 lb/ft
Middle Rail	1 5/8" O.Γ	). 1.66"	2.27 lb/ft
Bottom Rail	1 5/8" O.Γ	). 1.66"	2.27 lb/ft
Brace Rail	1 5/8" O.I	D. 1.66"	2.27 lb/ft

#### **Footings**

Diameter - Four (4) times the post width minimal. Minimum depth 42"

Wire Mesh Specifications	Vinyl Coated Fence and posts
Wire Mesh size	1 3/4"
Wire Gauge, core diameter	9
Wire Gauge, finish size	8

#### **Polyester Coating**

PVC coating shall be 10 mil minimum, Black color

Warranty shall be for a minimum of 10 years against failure due to rust or corrosion Shall meet Specifications:

ASTM F1043 - Strength and Protective Coatings on Metal Industrial Chain Link Fence Framework

ASTM F934 – Color requirements

ASTM F567 – Installation of Chain Link Fence

#### **DETAILED SPECIFICATIONS**

#### **FOR**

#### TENNIS COURT COLOR COATING AND CRACK REPAIR

#### SCOPE OF WORK

The work covered by these specifications consists of furnishing all labor, equipment and materials, and performing all operations in connection with color coating and striping.

Prior to applying color coat system, the net sleeves, center strap anchor and fencing shall be installed by contractor. New asphalt shall be allowed to cure for 30 days prior to application of color coat.

#### SURFACE PREPARATION

Any depressions or 'bird baths' that cover a nickel shall be marked and repaired with acrylic patch mix. Surfaces shall be broom cleaned, power washed or prepared sufficiently to receive color coating materials as per manufacturer's requirements.

#### SURFACING MATERIAL

Color coating shall be Sport Master or approved equal. Detailed specifications for alternatives as well as at least 3 references for product that has been in place for at least 5 years shall be included.

- 1. Acrylic Resurfacer 1 coat. Surface shall be uniform texture, clean and free of grease, oils and other foreign materials. Mix shall be the following: 55 gallons acrylic resurfacer, 20-40 gallons water, 600-900 lbs sand. The application rate shall be .05-.07 gallons per square yard.
- 2. Fortified Plexi-pave 2 coats 1st coat shall be applied at a rate of .1-.07 gallons per square yard. Second coat shall be applied at a rate of .07-.05 gallons per square yard.
- 3. Line Paint all 2" lines are to be taped on each side of line and laid out as per attached plan sheets. Paint is to be acrylic latex striping. Tennis or Pickleball lines shall be white.
- 4. Color shall be blue inside the lined section of the separate courts, and green between the courts and to the edge of asphalt. Colors shall be approved by City prior to application.

#### CITY OF ANN ARBOR DETAILED SPECIFICATION FOR

#### CERTIFIED PAYROLL COMPLIANCE AND REPORTING

AA:MGN 31 of 81 02/16/17

a. **Description.-** This specification covers all administrative requirements, payroll reporting procedures to be followed by Contractors performing work on City-sponsored public improvements projects, and all other miscellaneous and incidental costs associated with complying with the applicable sections of the City of Ann Arbor Code of Ordinances with regard to payment of prevailing wages and its Prevailing Wage Compliance policy.

This specification is **not** intended to include the actual labor costs associated with the payment of prevailing wages as required. Those costs should be properly incorporated in all other items of work bid.

**b. General.-** The Contractor is expected to comply with all applicable sections of Federal and State prevailing wage laws, duly promulgated regulations, the City of Ann Arbor Code of Ordinances, and its Prevailing Wage Compliance Policy as defined within the contract documents. The Contractor shall provide the required certified payrolls, city-required declarations, and reports requested elsewhere in the contract documents within the timeline(s) stipulated therein.

The Contractor shall also provide corrected copies of any submitted documents that are found to contain errors, omissions, inconsistencies, or other defects that render the report invalid. The corrected copies shall be provided when requested by the Supervising Professional.

The Contractor shall also attend any required meetings as needed to fully discuss and ensure compliance with the contract requirements regarding prevailing wage compliance. The Contractor shall require all employees engaged in on-site work to participate in, provide the requested information to the extent practicable, and cooperate in the interview process. The City of Ann Arbor will provided the needed language interpreters in order to perform wage rate interviews or other field investigations as needed.

Certified Payrolls may be submitted on City-provided forms or forms used by the Contractor, as long as the Contractor's forms contain all required payroll information. If the Contractor elects to provide their own forms, the forms shall be approved by the Supervising Professional prior to the beginning of on-site work.

**c. Unbalanced Bidding.-** The City of Ann Arbor will examine the submitted cost for this item of work prior to contract award. If the City determines, in its sole discretion, that the costs bid by the Contractor for complying with the contract requirements are not reasonable, accurately reported, or may contain discrepancies, the City reserves the right to request additional documentation that fully supports and justifies the price as bid.

Should the submitted information not be determined to be reasonable or justify the costs, the City reserves the right to pursue award of the contract to the second low bidder without penalty or prejudice to any other remedies that it may have or may elect to exercise with respect to the original low-bidder.

The Contract Completion date will not be extended as a result of the City's investigation of the as-bid amount for this item of work, even if the anticipated contract award date must be adjusted. The only exception will be if the Contractor adequately demonstrates that their costs were appropriate and justifyable. If so, the City will adjust the contract completion date by the number of calendar days commensurate with the length of the investigation, if the published Notice to Proceed date of the work cannot be met. The contract unit prices for all other items of work will not be adjusted regardless of an adjustment of the contract completion date being made.

**d. Measurement and Payment.-** The completed work as measured for this item of work will be paid for at the Contract Unit Price for the following Contract (Pay) Item:

#### **Contract Item (Pay Item)**

**Pay Unit** 

Certified Payroll Compliance and Reporting ......Lump Sum

The unit price for this item of work shall include all supervisory, accounting, administrative, and equipment costs needed to monitor and perform all work related to maintaining compliance with the tasks specified in this Detailed Specification, the City of Ann Arbor Code of Ordinances, its Prevailing Wage Compliance policy and the applicable Federal and State laws.

Payment for this work will be made with each progress payment, on a pro-rata basis, based on the percentage of construction completed. When all of the work of this contract has been completed, the measurement of this item shall be 1.0 times the Lump Sum bid amount. This amount will not be increased for any reason, including extensions of time, extra work, and/or adjustments to existing items of work.

# DETAILED SPECIFICATIONS For

#### TENNIS COURT CRACK REPAIR SYSTEM

The contractor must be a certified Riteway Crack Repair installer. The Crack repair system must be installed as the manufacturer requires for the Riteway Crack repair system.

#### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

A. Crack repair system for asphalt tennis courts.

#### 1.2 RELATED REQUIREMENTS

A. Tennis Court Color Coating specification

#### 1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's product data, including surface preparation, crack preparation, and installation instructions.
- B. Manufacturer's Project References: Submit manufacturer's list of successfully completed asphalt tennis court crack repair projects, including project name, location, and date of installation.
- C. Installer's Project References: Submit installer's list of successfully completed asphalt tennis court crack repair projects, including project name, location, type and quantity of crack repair system installed, and date of installation.
- D. Warranty Documentation: Submit manufacturer's standard warranty.

#### 1.4 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Manufacturer regularly engaged, for past 5 years, in manufacture of tennis court crack repair systems of similar type to that specified.
- B. Installer's Qualifications:
  - 1. Installer regularly engaged, for past 3 years, in installation of tennis court crack repair systems of similar type to that specified.
  - 2. Employ persons trained for installation of tennis court crack repair systems.
  - 3. Approved by manufacturer.

#### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Delivery and Acceptance Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:

- 1. Store and handle materials in accordance with manufacturer's instructions.
- 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
- 3. Store materials in clean, dry area.
- 4. Store materials out of direct sunlight.
- 5. Keep materials from freezing.
- 6. Protect materials during storage, handling, and installation to prevent contamination or damage.

#### 1.6 AMBIENT CONDITIONS

- A. Do not install tennis court crack repair system with any of the following conditions:
  - 1. Air Temperature:
    - a. Daytime: Below 70 degrees F.
    - b. Overnight: Below 60 degrees F.
  - 2. Overcast days.
  - 3. Day after it has rained.
  - 4. Rain: Expected that day or night.

#### PART 2 PRODUCTS

#### 2.1 MANUFACTURER

A. RiteWay Crack Repair, 4 Sycamore Way, Unit 7A, Branford, Connecticut, 06405. Toll Free (877)-5-riteway Website. Phone (203) 433-4791 <a href="www.ritewaytennis.com">www.ritewaytennis.com</a> Email info@ritewaytennis.com

#### 2.2 TENNIS COURT CRACK REPAIR SYSTEM

The contractor must utilize all materials as manufactured by RiteWay Crack Repair system

#### PART 3 EXECUTION

#### 3.1 EXAMINATION

- A. Examine areas to receive tennis court crack repair system.
- B. Notify Project Manager of conditions that would adversely affect installation or subsequent use.
- C. Do not begin surface preparation or installation until unacceptable conditions are corrected.

#### 3.2 SURFACE PREPARATION

- A. Prepare surfaces and cracks in accordance with manufacturer's instructions.
- B. Ensure surfaces and cracks are dry, clean, and contaminate free.
- C. Remove dirt, dust, debris, oil, grease, mildew, pollen, vegetation, leaves, and other surface contaminants which could adversely affect installation of tennis court crack repair system.
- D. Remove the Following Existing Materials:

- 1. Paints and coatings not bonded well to surfaces.
- Paints and coatings over asphalt emulsion materials compromised by water infiltration.
- 3. Rubberized crack filling materials.
- 4. Asphalt emulsion materials.

#### 3.3 INSTALLATION

- A. Install tennis court crack repair system in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Fill cracks and install release tape, narrow fabric, wide fabric, and mesh in accordance with manufacturer's instructions.
- C. Fill cracks with crack-repair materials approved by manufacturer based on crack width.
- D. Repair crack intersections and net post footings in accordance with manufacturer's instructions.
- E. Install tennis court crack repair system without wrinkles, bumps, air bubbles, or excessive fabric overlaps.
- F. Install tennis court crack repair system with proper bond to surfaces.
- G. Do not install tennis court crack repair system on cracks that emit moisture.
- H. Do not install tennis court crack repair system using asphalt emulsion.

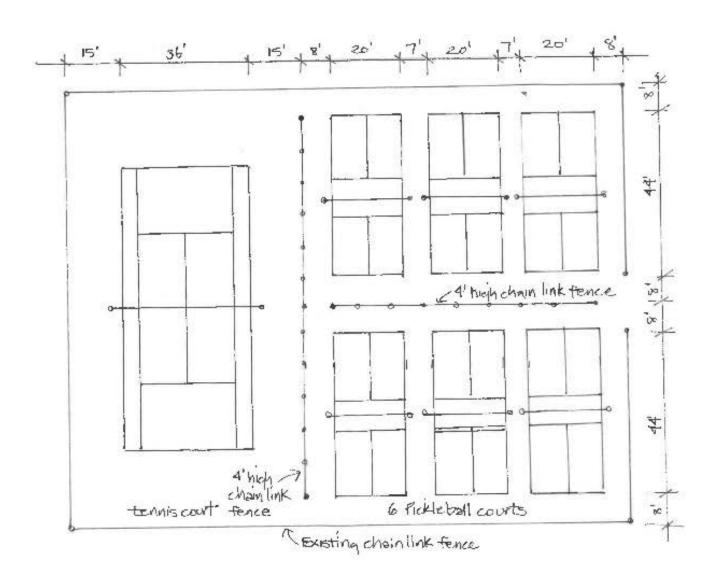
#### 3.4 PAINTING

A. Paint tennis courts as specified on Bid Forms after installation of tennis court crack repair system.

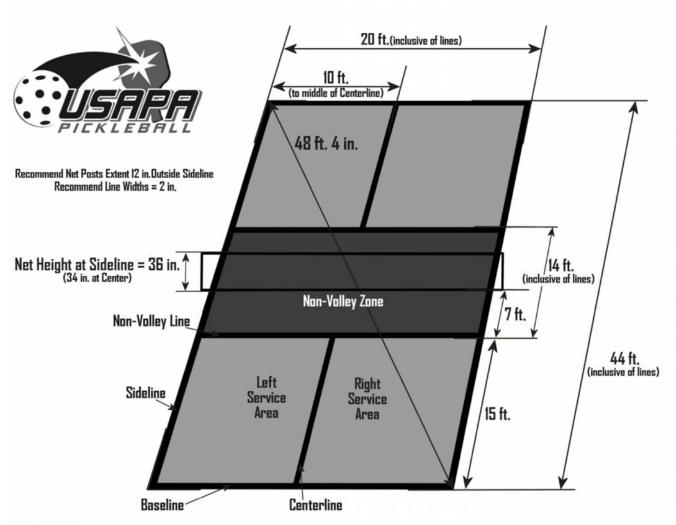
#### 3.5 PROTECTION

A. Protect installed tennis court crack repair system from damage during construction.

#### **END OF SECTION**



LESLIE PARK COURT LAYOUT

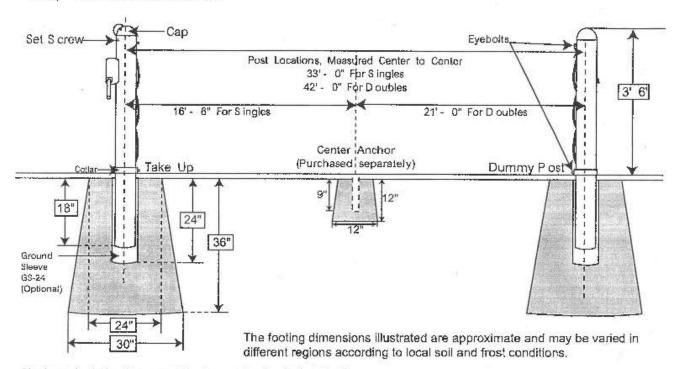


#### Line Tolerances:

- Net line to outside of NVZ line: 7' +/- 1/8"
- Net line to outside of baseline: 22' +/- 1/4"
- Outside sideline to outside sideline: 20' +/- 1/4"
- Outside sideline to centerline: 10' +/- 1/8"
- Diagonal dimension to outside of lines: 48' 4" +/- 3/4"

# DTP-37 TENNIS POS T

#### Post, & Anchor I nstallation:



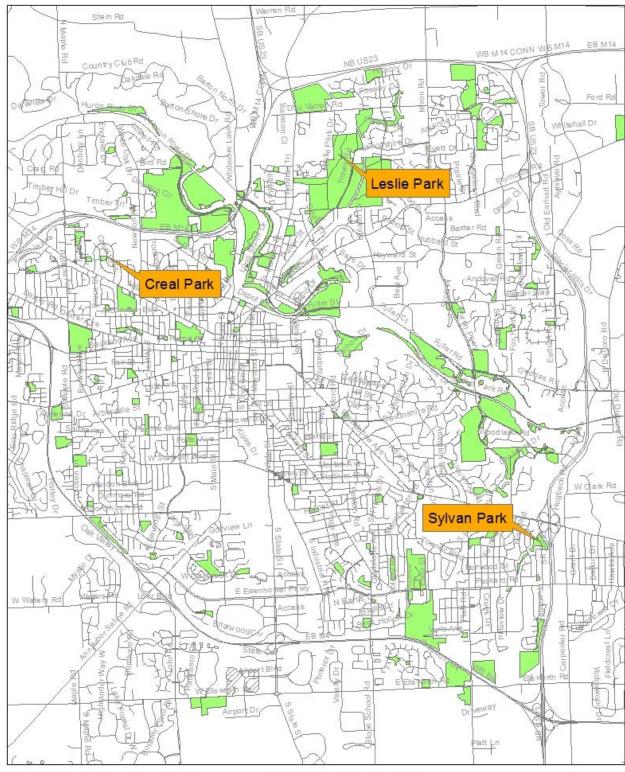
Hardware Includes 1 removable chrome handie, & 4 eyebolts; located inside the end of take up post.

\*Dimensions are not to scale

- When Installing Post, make sure the height of the post is 1" above the net cord. The height will be about 3' 6" above the court surface.
- The tennis posts footings should be placed 3' outside the court on each side.
- The center line between posts should be 42' apart for doubles courts or 36' apart for singles court. Ground sleeves are recommended because they allow easy removal of the posts for resurfacing, maintenance, and alternate uses of the court.
- 4. Without Optional Ground Sleeve: Anchor each post in a block of concrete as shown in the diagram. Pour the concrete into a bell-shaped hole 24 inches in diameter at the top and 30 inches in diameter at the bottom. Make the hole at least 36 inches deep.
- For Optional Ground Sleeve: While pouring the concrete hold the ground sleeve in place, plugged

- end down. Use a plumb line to set the sleeve pointing straight up. Let concrete dry. Carefully set the post in ground sleeves.
- Adjust set screw on dummy post only to tighten tennls post cap.
- 7. Screw on top and bottom eyebolts to each post.
- 8 For Optional Center Anchor: The Center anchor should be 16' 6" away from each post in singles and 21' for doubles. Pour concrete into a beil shaped hole 9 inches in diameter at the top and 12 inches in diameter at the bottom. The hole should be 12 inches deep. While pouring, hold the anchor in place, with the narrowed end down. Make sure the anchor is plum and pointing straight up. Let concrete dry.
- During the off season, it is best to winterize your court by removing the tennis posts and use sleeve plugs to prevent moisture and dirt from falling in.





Leslie, Sylvan and Creal Parks Location Map 0 1,700 3,400 6,800 Feet

# **Leslie Park Tennis Courts**

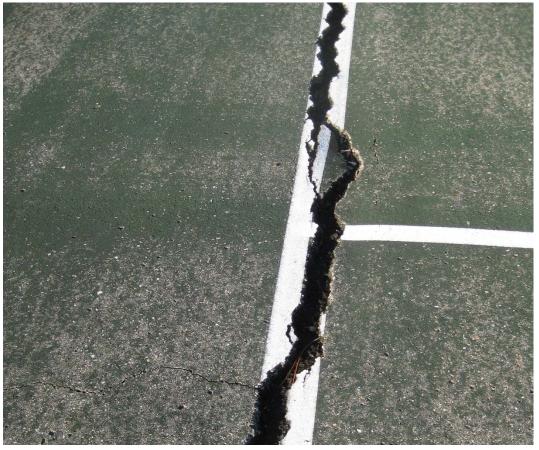










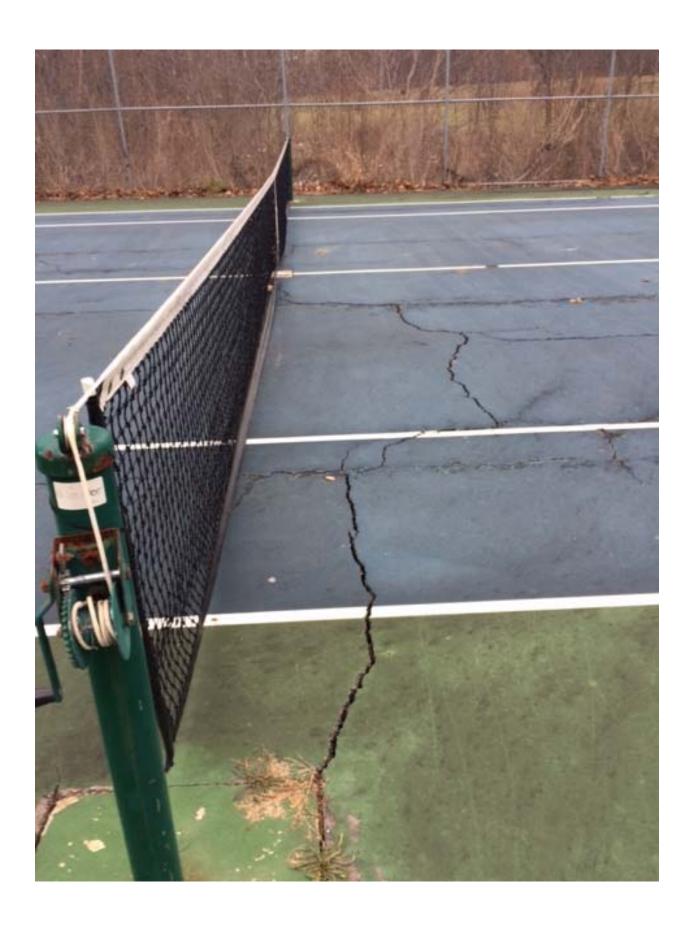


# **Sylvan Park Tennis Courts**













Creal Park Basketball Court





### **APPENDIX**

2016 Construction Rev 1 APDX-1

# CITY OF ANN ARBOR PREVAILING WAGE DECLARATION OF COMPLIANCE

The "wage and employment requirements" of Section 1:320 of Chapter 14 of Title I of the Ann Arbor City Code mandates that the city not enter any contract, understanding or other arrangement for a public improvement for or on behalf of the city unless the contract provides that all craftsmen, mechanics and laborers employed directly on the site in connection with said improvements, including said employees of subcontractors, shall receive the prevailing wage for the corresponding classes of craftsmen, mechanics and laborers, as determined by statistics for the Ann Arbor area compiled by the United States Department of Labor. Where the contract and the Ann Arbor City Code are silent as to definitions of terms required in determining contract compliance with regard to prevailing wages, the definitions provided in the Davis-Bacon Act as amended (40 U.S.C. 278-a to 276-a-7) for the terms shall be used. Further, to the extent that any employees of the contractor providing services under this contract are not part of the class of craftsmen, mechanics and laborers who receive a prevailing wage in conformance with section 1:320 of Chapter 14 of Title I of the Code of the City of Ann Arbor, employees shall be paid a prescribed minimum level of compensation (i.e. Living Wage) for the time those employees perform work on the contract in conformance with section 1:815 of Chapter 23 of Title I of the Code of the City of Ann Arbor.

At the request of the city, any contractor or subcontractor shall provide satisfactory proof of compliance with this provision.

#### The Contractor agrees:

- (a) To pay each of its employees whose wage level is required to comply with federal, state or local prevailing wage law, for work covered or funded by this contract with the City,
- (b) To require each subcontractor performing work covered or funded by this contract with the City to pay each of its employees the applicable prescribed wage level under the conditions stated in subsection (a) or (b) above.
- (c) To provide to the City payroll records or other documentation within ten (10) business days from the receipt of a request by the City.
- (d) To permit access to work sites to City representatives for the purposes of monitoring compliance, and investigating complaints or non-compliance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services in accordance with the terms of the wage and employment provisions of the Chapter 14 of the Ann Arbor City Code. The undersigned certifies that he/she has read and is familiar with the terms of Section 1:320 of Chapter 14 of the Ann Arbor City Code and by executing this Declaration of Compliance obligates his/her employer and any subcontractor employed by it to perform work on the contract to the wage and employment requirements stated herein. The undersigned further acknowledges and agrees that if it is found to be in violation of the wage and employment requirements of Section 1:320 of the Chapter 14 of the Ann Arbor City Code it shall has be deemed a material breach of the terms of the contract and grounds for termination of same by the City.

Company Name	
Signature of Authorized Representative	Date
Print Name and Title	
Address, City, State, Zip	
Phone/Email address	

Questions about this form? Contact Procurement Office City of Ann Arbor Phone: 734/794-6500

9/25/15 Rev 0 PW-

### **CITY OF ANN ARBOR** LIVING WAGE ORDINANCE DECLARATION OF COMPLIANCE

The Ann Arbor Living Wage Ordinance (Section 1:811-1:821 of Chapter 23 of Title I of the Code) requires that an employer who is (a) a contractor providing services to or for the City for a value greater than \$10,000 for any twelvemonth contract term, or (b) a recipient of federal, state, or local grant funding administered by the City for a value greater than \$10,000, or (c) a recipient of financial assistance awarded by the City for a value greater than \$10,000. shall pay its employees a prescribed minimum level of compensation (i.e., Living Wage) for the time those employees perform work on the contract or in connection with the grant or financial assistance. The Living Wage must be paid to these employees for the length of the contract/program.

Companies employing fewer than 5 persons and non-profits employing fewer than 10 persons are exempt from compliance with the Livin

Living Wage (	Ordinance. If this exemption applies to your company/non-profit agency please check here [] No. of employees									
The Contrac	ctor or Grantee agrees:									
(a)	To pay each of its employees whose wage level is not required to comply with federal, state or loc prevailing wage law, for work covered or funded by a contract with or grant from the City, no less than the Living Wage. The current Living Wage is defined as \$13.13/hour for those employers that provide employee health care (as defined in the Ordinance at Section 1:815 Sec. 1 (a)), or no less that \$14.65/hour for those employers that do not provide health care. The Contractor or Grantor understand that the Living Wage is adjusted and established annually on April 30 in accordance with the Ordinance and covered employers shall be required to pay the adjusted amount thereafter to be in compliance (Section 1:815(3)).									
	Check the applicable box below which applies to your workforce									
	Employees who are assigned to any covered City contract/grant will be paid at or above t applicable living wage without health benefits									
	Employees who are assigned to any covered City contract/grant will be paid at or above tapplicable living wage with health benefits									
(b)	To post a notice approved by the City regarding the applicability of the Living Wage Ordinance in every work place or other location in which employees or other persons contracting for employment are working.									
(c)	To provide to the City payroll records or other documentation within ten (10) business days from the receipt of a request by the City.									
(d)	To permit access to work sites to City representatives for the purposes of monitoring compliance, and investigating complaints or non-compliance.									
(e)	To take no action that would reduce the compensation, wages, fringe benefits, or leave available to a employee covered by the Living Wage Ordinance or any person contracted for employment and cover by the Living Wage Ordinance in order to pay the living wage required by the Living Wage Ordinance.									
has offered to Wage Ordin Ordinance, o	gned states that he/she has the requisite authority to act on behalf of his/her employer in these matters a to provide the services or agrees to accept financial assistance in accordance with the terms of the Livinance. The undersigned certifies that he/she has read and is familiar with the terms of the Living Wabbligates the Employer/Grantee to those terms and acknowledges that if his/her employer is found to be Ordinance it may be subject to civil penalties and termination of the awarded contract or grant of finance									
Company Nar	me Street Address									
Signature of A	Authorized Representative Date City, State, Zip									

Phone/Email address

Print Name and Title

# CITY OF ANN ARBOR LIVING WAGE ORDINANCE

RATE EFFECTIVE APRIL 30, 2017 - ENDING APRIL 29, 2018

If the employer provides health care benefits\*

\$13.13 per hour \$14.65 per hour

If the employer does **NOT** provide health care benefits\*

Employers providing services to or for the City of Ann Arbor or recipients of grants or financial assistance from the City of Ann Arbor for a value of more than \$10,000 in a twelve-month period of time must pay those employees performing work on a City of Ann Arbor contract or grant, the above living wage.

### **ENFORCEMENT**

The City of Ann Arbor may recover back wages either administratively or through court action for the employees that have been underpaid in violation of the law. Persons denied payment of the living wage have the right to bring a civil action for damages in addition to any action taken by the City.

Violation of this Ordinance is punishable by fines of not more than \$500/violation plus costs, with each day being considered a separate violation. Additionally, the City of Ann Arbor has the right to modify, terminate, cancel or suspend a contract in the event of a violation of the Ordinance.

The Law Requires Employers to Display This Poster Where Employees Can Readily See It.

> For Additional Information or to File a Complaint Contact: Colin Spencer at 734/794-6500 or cspencer@a2gov.org

<sup>\*</sup> Health Care benefits include those paid for by the employer or making an employer contribution toward the purchase of health care. The employee contribution must not exceed \$.50 an hour for an average work week; and the employer cost or contribution must equal no less than \$1/hr for the average work week.



#### Vendor Conflict of Interest Disclosure Form

All vendors interested in conducting business with the City of Ann Arbor must complete and return the Vendor Conflict of Interest Disclosure Form in order to be eligible to be awarded a contract. Please note that all vendors are subject to comply with the City of Ann Arbor's conflict of interest policies as stated within the certification section below.

If a vendor has a relationship with a City of Ann Arbor official or employee, an immediate family member of a City of Ann Arbor official or employee, the vendor shall disclose the information required below.

- No City official or employee or City employee's immediate family member has an ownership interest in vendor's company or is deriving personal financial gain from this contract.
- 2. No retired or separated City official or employee who has been retired or separated from the City for less than one (1) year has an ownership interest in vendor's Company.
- 3. No City employee is contemporaneously employed or prospectively to be employed with the vendor.
- Vendor hereby declares it has not and will not provide gifts or hospitality of any dollar value or any other gratuities to any City employee or elected official to obtain or maintain a contract.
- 5. Please note any exceptions below:

Conflict of Interest Disclosure*							
Name of City of Ann Arbor employees, elected	( ) Relationship to employee						
officials or immediate family members with whom there may be a potential conflict of interest.	( ) Interest in vendor's company						
and that be a potential commet of interest.	( ) Other (please describe in box below)						
*Disclosing a potential conflict of interest does not disqual	ify vendors. In the event vendors do not disclose potential						

\*Disclosing a potential conflict of interest does not disqualify vendors. In the event vendors do not disclose potential conflicts of interest and they are detected by the City, vendor will be exempt from doing business with the City.

I certify that this Conflict of Interest Disclosure has been examined by me and that its contents are true and correct to my knowledge and belief and I have the authority to so certify on behalf of the Vendor by my signature below:										
Vendor Name		Vendor Phone Number								
Signature of Vendor Authorized Representative	Da	ate	Printed Name of Vendor Authorized Representative							

# CITY OF ANN ARBOR DECLARATION OF COMPLIANCE

#### Non-Discrimination Ordinance

The "non discrimination by city contractors" provision of the City of Ann Arbor Non-Discrimination Ordinance (Ann Arbor City Code Chapter 112, Section 9:158) requires all contractors proposing to do business with the City to treat employees in a manner which provides equal employment opportunity and does not discriminate against any of their employees, any City employee working with them, or any applicant for employment on the basis of actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight. It also requires that the contractors include a similar provision in all subcontracts that they execute for City work or programs.

In addition the City Non-Discrimination Ordinance requires that all contractors proposing to do business with the City of Ann Arbor must satisfy the contract compliance administrative policy adopted by the City Administrator. A copy of that policy may be obtained from the Purchasing Manager

The Contractor agrees:

- (a) To comply with the terms of the City of Ann Arbor's Non-Discrimination Ordinance and contract compliance administrative policy.
- (b) To post the City of Ann Arbor's Non-Discrimination Ordinance Notice in every work place or other location in which employees or other persons are contracted to provide services under a contract with the City.
- (c) To provide documentation within the specified time frame in connection with any workforce verification, compliance review or complaint investigation.
- (d) To permit access to employees and work sites to City representatives for the purposes of monitoring compliance, or investigating complaints of non-compliance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services in accordance with the terms of the Ann Arbor Non-Discrimination Ordinance. The undersigned certifies that he/she has read and is familiar with the terms of the Non-Discrimination Ordinance, obligates the Contractor to those terms and acknowledges that if his/her employer is found to be in violation of Ordinance it may be subject to civil penalties and termination of the awarded contract.

Company Name	
Signature of Authorized Representative	Date
Print Name and Title	
Address, City, State, Zip	
Phone/Email address	-

Questions about the Notice or the City Administrative Policy, Please contact:

Procurement Office of the City of Ann Arbor

(734) 794-6500

Revised 3/31/15 Rev. 0 NDO-2

#### CITY OF ANN ARBOR NON-DISCRIMINATION ORDINANCE

Relevant provisions of Chapter 112, Nondiscrimination, of the Ann Arbor City Code are included below. You can review the entire ordinance at www. a2gov.org/departments/city-clerk

Intent: It is the intent of the city that no individual be denied equal protection of the laws; nor shall any individual be denied the enjoyment of his or her civil or political rights or be discriminated against because of actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight.

<u>Discriminatory Employment Practices</u>: No person shall discriminate in the hire, employment, compensation, work classifications, conditions or terms, promotion or demotion, or termination of employment of any individual. No person shall discriminate in limiting membership, conditions of membership or termination of membership in any labor union or apprenticeship program.

<u>Discriminatory Effects:</u> No person shall adopt, enforce or employ any policy or requirement which has the effect of creating unequal opportunities according to actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight for an individual to obtain housing, employment or public accommodation, except for a bona fide business necessity. Such a necessity does not arise due to a mere inconvenience or because of suspected objection to such a person by neighbors, customers or other persons.

Nondiscrimination by City Contractors: All contractors proposing to do business with the City of Ann Arbor shall satisfy the contract compliance administrative policy adopted by the City Administrator in accordance with the guidelines of this section. All city contractors shall ensure that applicants are employed and that employees are treated during employment in a manner which provides equal employment opportunity and tends to eliminate inequality based upon any classification protected by this chapter. All contractors shall agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of any applicable protected classification. All contractors shall be required to post a copy of Ann Arbor's Non-Discrimination Ordinance at all work locations where its employees provide services under a contract with the city.

Complaint Procedure: If any individual has a grievance alleging a violation of this chapter, he/she has 180 calendar days from the date of the individual's knowledge of the allegedly discriminatory action or 180 calendar days from the date when the individual should have known of the alleged discriminatory action to file a complaint with the city's Human Rights Commission. If an individual fails to file a complaint alleging a violation of this chapter within the specified time frame, the complaint will not be considered by the Human Rights Commission. The complaint should be made in writing to the Human Rights Commission. The complaint may be filed in person with the City Clerk, by e-mail (hrc@a2gov.org), by phone (734-794-6141) or by mail (Ann Arbor Human Rights Commission, PO Box 8647, Ann Arbor, MI 48107). The complaint must contain information about the alleged discrimination, such as name, address, phone number of the complainant and location, date and description of the alleged violation of this chapter.

<u>Private Actions For Damages or Injunctive Relief:</u> To the extent allowed by law, an individual who is the victim of discriminatory action in violation of this chapter may bring a civil action for appropriate injunctive relief or damages or both against the person(s) who acted in violation of this chapter.

Michigan Department Of Transportation CP-347 (04/10)

# MICHIGAN DEPARTMENT OF TRANSPORTATION CERTIFIED PAYROLL

#### COMPLETION OF CERTIFIED PAYROLL FORM FULFILLS THE MINIMUM MDOT PREVAILING WAGE REQUIREMENTS

(1) NAME OF CO	ONTRACTOR / S	UBCONTRACTOR (CIRCLE ONE	)			(2) AD	DRES	S														
(3) PAYROLL NO	D.	(4) FOR WEEK ENDING				(5) PI	ROJE	CT AND	LOCA	TION									(6)	) CONTRAC	TID	
(a)		(b)	(c)		_	(d) DA	/ AND	DATE	1	<u> </u>	(e) (f)	(f)	(g)	(h)	(i)			(j) DED	DUCTIONS			(k)
EMPLOYEE	INFORMATION	WORK CLASSIFICATION	Hour Type		HOUR	SWOR	KED (	ON PRO	DJECT		TOTAL HOURS ON PROJECT	PROJECT RATE OF PAY			TOTAL WEEKLY HOURS WORKED ALL JOBS	FICA	FEDERAL	STATE		OTHER	TOTAL DEDUCT	TOTAL WEEKLY WAGES PAID FOR ALL JOBS
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Date	(b) WHERE FRINGE BENEFITS ARE PAID IN CASH  — Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.  (c) EXCEPTIONS	
I, (Name of Signatory Party) (Title) do hereby state:  (1) That I pay or supervise the payment of the persons employed by		
(Contractor or Subcontractor) on the	EXCEPTION (CRAFT)	EXPLANATION
; that during the payroll period commencing on the (Building or Work)		
day of,, and ending the day of, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said		
from the full (Contractor or Subcontractor)		
weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Start. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:		
	REMARKS:	
(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.		
(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.		
(4) That: (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS	NAME AND TITLE S	IGNATURE
<ul> <li>in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.</li> </ul>	THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE 31 OF THE UNITED STATES CODE.	STATEMENTS MAY SUBJECT THE CONTRACTOR OR E SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE