



CITY of NOVI CITY COUNCIL

**Agenda Item C
April 9, 2018**

SUBJECT: Approval of a Street Light Purchase Agreement with DTE Energy (The Detroit Edison Company) for the installation and ongoing operation cost of one (1) street light at the entrance of the Beacon Hill Meadows development on Hummingdale Boulevard; and approval of an agreement with Pulte Homes of Michigan and the Beacon Hill Meadows Condominium Association for the sharing of installation and ongoing operation costs per the City's Street Lighting Policy.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 3,153.42 (StreetLight Install- Developer Initiated 101-442.10-924.051) \$ 302.04 (Street lighting Operations 101-442.20-924.000) \$ 3,455.46 TOTAL City share
AMOUNT BUDGETED	\$ 30,000 (StreetLight Install- Developer Initiated) \$ 152,000 (Street lighting Operations)
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101-442.10-924.051 (StreetLight Install- Developer Initiated) 101-442.20-924.000 (Street lighting Operations)

BACKGROUND INFORMATION:

The developer of Beacon Hill Meadows Condominiums, Pulte Homes of Michigan, is requesting installation of one (1) Basic Granville 60w LED light fixture mounted on a black fiberglass Mainstreet post at the entrance off of Meadowbrook Road, north of Twelve Mile Road.

The Resolution for Amended Street Light Policy adopted September 24, 2012 states that the City will provide one single, standard overhead street light in the public right-of-way at major road entrances of residential developments to enhance public safety. The policy also states when lighting requests include upgraded decorative or additional street lights, the petitioner shall bear the additional cost of installation beyond the cost for a single standard light. The developer is requesting a dual head decorative street light; therefore, the portion of the installation cost for the upgrade to a dual head decorative street light will be the developer's responsibility. Similarly, the policy states the City will pay the ongoing operation and energy costs for one street light at the entrance, and ongoing operation and energy costs for additional lighting will be paid by the Association.

Engineering staff worked with DTE Energy and the developer to determine the appropriate location for a street light post, and obtained an estimate of the installation and ongoing operation cost for a single standard light and the Basic Granville style light on a single pole. The new street light will be underground fed Basic Granville style 60w LED fixture on a

single 12-foot black fiberglass pole, consistent with the style of street lighting the City considers the standard for residential entryway lighting.

In order to facilitate installation of the street light, DTE Energy is requesting approval and execution of the attached Purchase Agreement. The DTE Energy agreement requires the City to pay the total installation cost of \$4,844.85 and an ongoing annual lamp charge of \$302.04 for operation and maintenance of the street light. As with all other street light installations, the City requires payment by the applicant for all reimbursable charges and the City pays DTE Energy directly.

The following table summarizes the cost sharing for the requested streetlights:

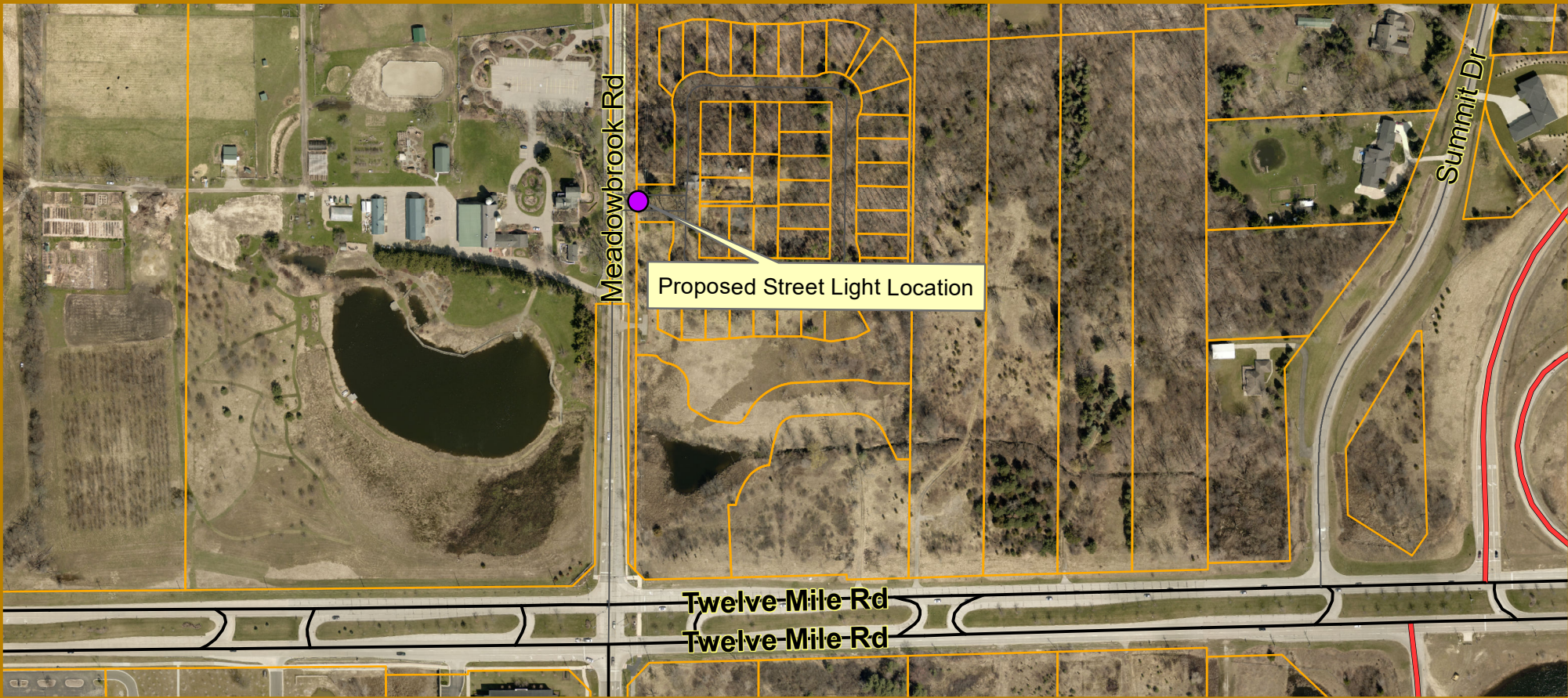
Description	City Share	Developer/Association Share	Total
Installation Costs	\$3,153.42	\$1,691.43	\$4,844.85
Annual Operating Costs	\$302.04	\$0.00	\$302.04

A second agreement between the City and Pulte Homes of Michigan is also provided for consideration to formalize the cost sharing and payment arrangement for the installation and operation of the light. Pulte Homes of Michigan has paid to the City its portion of the installation costs.

The proposed agreements have been reviewed and recommended for approval by Engineering staff and the City Attorney (Beth Saarela, February 15, 2018).

RECOMMENDED ACTION: Approval of a Street Light Purchase Agreement with DTE Energy (The Detroit Edison Company) for the installation and ongoing operation cost of one (1) street light at the entrance of the Beacon Hill Meadows development on Hummingdale Boulevard; and approval of an agreement with Pulte Homes of Michigan and the Beacon Hill Meadows Condominium Association for the sharing of installation and ongoing operation costs per the City's Street Lighting Policy.

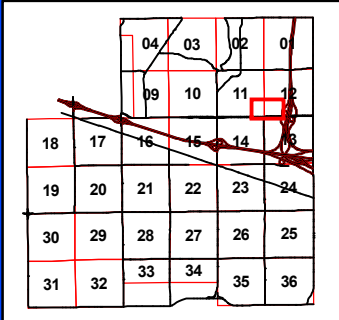
DTE Street Light Installation Beacon Hill Meadows Condominiums Location Map



Map Author: R. Runkel
Date: 3/21/18
Project:
Version #:

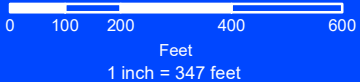
MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.



City of Novi

Engineering Division
Department of Public Services
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org





February 6, 2018

City of Novi
26300 Lee BeGole Dr
Novi, MI 48375
Attn: Rebecca Runkel

Re: City of Novi- Beacon Hill Subdivision-DTE Entrance Lighting

Attached is the agreement for the work to be performed in the budget letter was sent on February 1, 2018. A detailed description of the project is outlined in the agreements. Please print **TWO** copies. Please sign **BOTH** copies in the designated areas. A check in the amount of **\$4,844.85** is also required at this time. Please return **BOTH** signed agreements (as well as check or Purchase Order...made payable to **DTE Energy**) to the following address:

DTE Energy
8001 Haggerty Rd.
Belleville, MI 48111
140 WWSC-Brandon Faron

Upon receipt of **BOTH** signed copies (and payment), we (DTE Energy) will then sign **BOTH** copies and return **ONE** original back to you.

Please call if you have questions, 734-397-4017.

Sincerely,

Brandon R. Faron

Brandon R. Faron
Account Manager
Community Lighting

Exhibit A to Master Agreement

Purchase Agreement

This Purchase Agreement (this "Agreement") is dated as of February 6, 2018 between The Detroit Edison Company ("Company") and the City of Novi ("Customer").

This Agreement is a "Purchase Agreement" as referenced in the Master Agreement for Municipal Street Lighting dated September 16, 2013 (the "Master Agreement") between Company and Customer. All of the terms of the Master Agreement are incorporated herein by reference. In the event of an inconsistency between this Agreement and the Master Agreement, the terms of this Agreement shall control.

Customer requests the Company to furnish, install, operate and maintain street lighting equipment as set forth below:

1. DTE Work Order Number:	49804532 If this is a conversion or replacement, indicate the Work Order Number for current installed equipment: N/A	
2. Location where Equipment will be installed:	Beacon Hill Subdivision-Meadowbrook & Hummingdale Blvd, as more fully described on the map attached hereto as <u>Attachment 1</u> .	
3. Total number of lights to be installed:	1	
4. Description of Equipment to be installed (the " <u>Equipment</u> "):	Install (1) stock, black MainStreet fiberglass post on concrete foundation, and (1) stock 60w LED Basic Granville with black housing.	
5. Estimated Total Annual Lamp Charges	\$302.04	
6. Computation of Contribution in aid of Construction (" <u>CIAC Amount</u> ")	Total estimated construction cost, including labor, materials, and overhead:	\$5,750.97
	Credit for 3 years of lamp charges:	\$906.12
	CIAC Amount (cost minus revenue)	\$4,844.85
7. Payment of CIAC Amount:	Due promptly upon execution of this Agreement	
8. Term of Agreement	5 years. Upon expiration of the initial term, this Agreement shall continue on a month-to-month basis until terminated by mutual written consent of the parties or by either party with thirty (30) days prior written notice to the other party.	
9. Does the requested Customer lighting design meet IESNA recommended practices?	(Check One) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If "No", Customer must sign below and acknowledge that the lighting design does not meet IESNA recommended practices <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border-bottom: 1px solid black; width: 150px; margin-bottom: 5px;"></div> <div style="font-size: 8px; text-align: center; margin-bottom: 5px;"> <small>Signature of Customer Representative</small> <small>Print Name of Customer Representative</small> </div> <div style="border: 1px solid black; padding: 2px; background-color: #f00; color: white; font-weight: bold; text-align: center;">SIGN HERE</div> </div>	
10. Customer Address for Notices:	City of Novi 26300 Lee BeGole Dr Novi, MI 48375 Attn: Rebecca Runkel	

11. Special Order Material Terms:

All or a portion of the Equipment consists of special order material: (check one) YES NO

If "Yes" is checked, Customer and Company agree to the following additional terms.

A. Customer acknowledges that all or a portion of the Equipment is special order materials ("SOM") and not Company's standard stock. Customer will purchase and stock replacement SOM and spare parts. When replacement equipment or spare parts are installed from Customer's inventory, the Company will credit Customer in the amount of the then current material cost of Company standard street lighting equipment.

B. Customer will maintain an initial inventory of at least **N/A** posts and **N/A** luminaires and any other materials agreed to by Company and Customer, and will replenish the stock as the same are drawn from inventory. Costs of initial inventory are included in this Agreement. The Customer agrees to work with the Company to adjust inventory levels from time to time to correspond to actual replacement material needs. If Customer fails to maintain the required inventory, Company, after 30 days' notice to Customer, may (but is not required to) order replacement SOM and Customer will reimburse Company for such costs. Customer's acknowledges that failure to maintain required inventory could result in extended outages due to SOM lead times.

C. The inventory will be stored at _____ N/A _____. Access to the Customers inventory site must be provided between the hours of 9:00 am to 4:00 pm, Monday through Friday with the exceptions of federal Holidays. Customer shall name an authorized representative to contact regarding inventory: levels, access, usage, transactions, and provide the following contact information to the Company:

Name: _____ N/A _____ Title: _____ N/A _____

Phone Number: _____ N/A _____ Email: _____ N/A _____

The Customer will notify the Company of any changes in the Authorized Customer Representative. The Customer must comply with SOM manufacturer's recommended inventory storage guidelines and practices. Damaged SOM will not be installed by the Company.

D. In the event that SOM is damaged by a third party, the Company may (but is not required to) pursue a damage claim against such third party for collection of all labor and stock replacement value associated with the damage claim. Company will promptly notify Customer as to whether Company will pursue such claim.

E. In the event that SOM becomes obsolete or no longer manufactured, the Customer will be allowed to select new alternate SOM that is compatible with the Company's existing infrastructure.

F. Should the Customer experience excessive LED equipment failures, not supported by LED manufacturer warrantees, the Company will replace the LED equipment with other Company supported Solid State or High Intensity Discharge luminaires at the Company's discretion. The full cost to complete these replacements to standard street lighting equipment will be the responsibility of the Customer.

12. Experimental Emerging Lighting Technology ("EELT") Terms:

All or a portion of the Equipment consists of EELT: (check one) YES NO

If "Yes" is checked, Customer and Company agree to the following additional terms.

A. The annual billing lamp charges for the EELT equipment has been calculated by the Company are based upon the estimated energy and maintenance cost expected with the Customer's specific pilot project EELT equipment. .

B. Upon the approval of any future MPSC Option I tariff for EELT street lighting equipment, the approved rate schedules will automatically apply for service continuation to the Customer under Option 1 Municipal Street Lighting Rate, as approved by the MPSC. The terms of this paragraph B replace in its entirety Section 7 of the Master Agreement with respect to any EELT equipment purchased under this Agreement.

Company and Customer have executed this Purchase Agreement as of the date first written above.

Company:

The Detroit Edison Company

By: _____

Name: _____

Title: _____

Customer:

City of Novi

By: _____

Name: _____

Title: _____

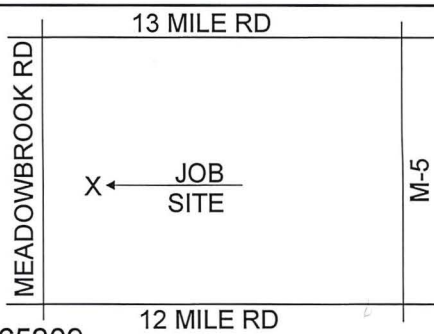
Attachment 1 to Purchase Agreement

Map of Location

[To be attached]



-GENERAL NOTES-
 TRENCHING TO BE DONE BY:
 TRENCH AND CABLE LENGTHS ARE APPROXIMATE
 SEE SECTION 56 UG LINE CONSTRUCTION STANDARDS FOR TRANS. MAT. DETAILS
 SEE PAGE 3-2-11 S.I.M. DETAIL " " FOR ENTRANCE POINT DETAILS (APTS. ONLY)
 SEE SECTION 43 UG LINE CONSTRUCTION STANDARDS FOR PLACEMENT OF CABLES, TRANSFORMERS AND PEDESTALS (SUB'DS ONLY)
 DTE SERVICE PLANNER: DEON JONES 734-397-4125
 TEL. CO: STEVEN ALLSHOUSE 734-996-5381
 GAS CO: CONSUMERS ENERGY STEVEN SORIA 734-524-6345
 CATV: CHARTER BOB HENDZELL 734-293-1258
 OTHER: PITTIE KEN WAKER 248-630-2809
 CONTACT MISS DIG (800-482-7171) BEFORE DOING ANY EXCAVATION.
 EASEMENTS INDICATED BY OUR CENTERLINE ARE IN WIDTH UNLESS OTHERWISE NOTED.



13.2KV AREA

WL 8: 236701-365632
 IN: PF H11422-3
 IN: DET 17261
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

WL 9: 236722-365338
 IN: PF H11422-2
 IN: DET 17261
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

WL 10: 236743-365209
 IN: PF H11422-1
 IN: DET 17261
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

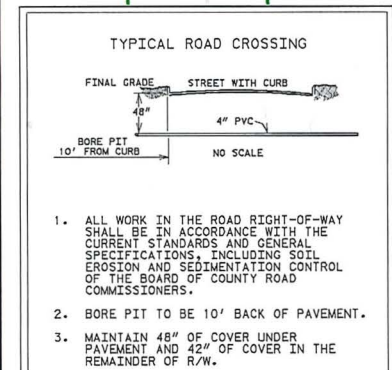
WL 7: 237039-365533
 IN: DET 17261
 IN: PF H11422-4
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

WL 6: 237060-365148
 IN: PF H11423-4
 IN: DET 17261
 IN: 7.6KV 240/120V 50

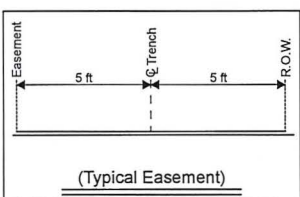
WL 5: 236966-364929
 IN: PF H11423-3
 IN: DET 17261
 IN: 7.6KV 240/120V 25
 IN: DET 10259.1

WL 1:
 IN: DET 2021 UG 13.2KV
 IN 1 MOLDED TERM
 IN 1PH 2IN UGAURD 2 A
 NE QUAD
 TAP X-IN 65K
 PF H11422
 LE MEADOWBROOK RD 9PN 12 MILE RD

WL 2:
 IN: DET 2021 UG 13.2KV
 IN 1 MOLDED TERM
 IN 1PH 2IN UGAURD 2 A
 SE QUAD
 TAP X-IN 65K
 PF H11423
 LE MEADOWBROOK RD 8PN 12 MILE RD



TRUCK ACCESSIBLE CALL MISS DIG MAPPING WILL CREATED NEW URD NUMBER FOR THIS URD.



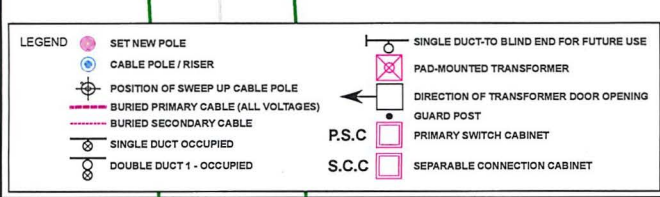
Trench-Bore Summary		
Type	Occupants	Length
TRENCH ONLY	E, T, TV	3166
Total		= 3166

Cable Summary		
Type	Legacy Stock # /SAP #	Length
IN 2A_1X1_XLPE-J	713-3073/100107704	2813
IN 3/OA_2X1_1/OA_XLPE	713-0536/100104224	417
IN 350A_2X1_4/OA_XLPE	713-0537/100014067	1310

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TRANSFORMER DATA		
Transformer No.	KVA	GLNX-GLNY
PF H11422-1	50	236743-365209
PF H11422-2	50	236722-365338
PF H11422-3	50	236701-365632
PF H11422-4	50	237039-365533
PF H11423-1	25	236490-365121
PF H11423-2	50	236669-364901
PF H11423-3	25	236966-364929
PF H11423-4	50	237060-365148
Total KVA=350		

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WL 3: 236490-365121
 IN: PF H11423-1
 IN: DET 17261
 IN: 7.6KV 240/120V 25
 IN: DET 10259.1

WL 4: 236669-364901
 IN: PF H11423-2
 IN: DET 17261
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

DTE Electric - Distribution Engineering and Planning			
Work Order Description	Job No.	Job Date	Job Status
BEACON HILL PARK URD	47196113	47196147	47196158
Service Planner	Deon Jones	47196113	47196147
Design Engineer	Melvin McCoy	47196113	47196147
Project Engineer	Melvin McCoy	47196113	47196147
Checked			
Approved			
Issue			
Job No.	47196113	Job Date	10/4/2017
Job Status	NTS	Job Type	1N
Job Category	BE	Job Code	12
Job Sub-Category		Job Code	

215' TOTAL BORE

AGREEMENT

This Agreement is entered into this ___ day of _____, 20___, by and between the CITY OF NOVI, a Michigan municipal corporation, whose address is 45175 W. Ten Mile Road, Novi, Michigan 48375 (the "City"), and PULTE HOMES OF MICHIGAN, LLC, a Michigan LLC, ("Developer") whose address is 100 Bloomfield Hills Parkway, Suite 140, Bloomfield Hills, Michigan 48304 and the BEACON HILL MEADOWS CONDOMINIUM ASSOCIATION, whose address is 100 Bloomfield Hills Parkway, Suite 140, Bloomfield Hills, Michigan 48304 ("Association").

RECITATIONS:

The Developer and the Association are designated to administer the affairs of said subdivision at this time.

The Developer has requested the City to assist it in making a certain local public improvement consisting of the installation of one (1) street light at the entrance on Hummingdale Boulevard as described and depicted on the attached Exhibit A hereto.

In accordance with the City's Amended Street Light Policy, dated September 24, 2012, the City will contract directly with DTE for the installation and operation of the type and number of poles and fixtures requested by the Association.

For all requests for installation of a single standard street light at a major road entrance, the City will contract with DTE for the installation of the requested street light. The City will pay the non-DTE share of the installation cost and the annual cost of operating the street light, in accordance with the City's policy.

For all requests other than installation of a single standard street light at a major road entrance, including a non-standard decorative street light, the City will contract with DTE for the installation of the requested street light or lights. The Developer/Association shall reimburse the City for the non-DTE share of the installation cost.

For all requests for street lights in addition to a single street light at a major road entrance, the Association shall reimburse the City on an annual basis for ongoing operating costs of the additional street lights.

The Developer and the Association are authorized to execute this Agreement which shall be binding on the Association.

The City has obtained from the Detroit Edison Company ("DTE") an estimate for the installation and annual operation of said street light, requiring a charge for the one (1) decorative street light of **\$4,844.85** and an operating cost for the first year in the amount of **\$302.04** ("Annual Operating Cost").

The City has agreed to assist the Developer/Association in facilitating the installation and operation of said street lights with DTE.

The parties desire to enter into this Agreement to provide for the payment to the City by the Developer/Association of the cost of installation for the upgrade to the decorative light at the entrance, plus the City's 10% administrative fee, in the total amount of **\$1,860.57** for which the City will be billed by DTE directly, and the Developer/Association shall reimburse the City in accordance with the Street Light Policy. The Annual Operating Cost, being less than the Annual Operating Cost of a single standard light, will be paid by the City.

NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:

1. To the extent that DTE may require, the City shall contract with DTE for the installation and operation of the proposed decorative street lights.
2. Upon execution of this Agreement, the Developer and/or Association shall pay directly to the City the amount of **\$1,860.57**, representing the Developer/Association portion of the installation cost plus an administrative fee in the amount of 10%, or such other amount as DTE shall require for installation of the proposed street lights.
3. This Agreement contains the entire agreement between the parties, and to statement, promises, or inducement made by either party or agent of either party that is not contained in this written contract shall be valid or binding; and this contract may not be enlarged, modified or altered except in writing signed by both parties and endorsed hereon.
4. The term of this Agreement shall be for twenty (20) years, and shall automatically renew for additional five (5) years periods thereafter, until such time as either party shall notify the other in writing of its intent not to renew. Such notice of intent not to renew shall be given not less than one year prior to the expiration of the original and any renewal terms.
5. This Agreement shall be binding on all heirs, executors, administrators, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the parties have executed this agreement the day and year first written above.

[SIGNATURES BEGIN ON THE NEXT PAGE]

CITY OF NOVI, a Michigan municipal Corporation

By: Robert J. Gatt
Its: Mayor

By: Dawn Spaulding
Its: Acting City Clerk

PULTE HOMES OF MICHIGAN, LLC, a Michigan limited liability company



By: *PAUL W. SCHROCK*

Its: *DIRECTOR OF LAND*

BEACON HILL MEADOWS
CONDOMINIUM ASSOCIATION, a
Michigan nonprofit corporation

By:

Its:



JOHNSON ROSATI SCHULTZ JOPPICH PC

27555 Executive Drive Suite 250 ~ Farmington Hills, Michigan 48331
Phone: 248.489.4100 | Fax: 248.489.1726

Elizabeth Kudla Saarela
esaarela@jrsjlaw.com

www.jrsjlaw.com

February 15, 2018

Darcy Rechten, Plan Review Engineer
City of Novi
Public Services
Field Services Complex
26300 Lee BeGole Drive
Novi, MI 48375

Re: Street Lighting Agreements
Beacon Hill Meadows

Dear Ms. Rechten:

We have received and reviewed the City's Agreement with the Developer and Association to install one (1) decorative street light at the entrance of the Beacon Hill Meadows Site Condominium Development. The City will pay the ongoing energy costs relating to a single street light within the public right-of-way. The Developer will be required to pay the additional cost of the entrance light that is attributable to the upgraded "decorative" street lighting equipment. The Developer will execute the Agreement on its behalf and on behalf of the Association that will be created pursuant to the Condominium Master Deed.

We have also received and reviewed the Purchase Agreement for Municipal Street Lighting (Work Order 49805432) for the installation of the one (1) street light serving the Beacon Hill Meadows Subdivision. The Purchase Agreement is a standard form agreement prepared by The Detroit Edison Company ("DTE") for use in projects for installation and maintenance of new street lighting. It references and incorporates the terms of the Master Agreement for Municipal Street Lighting entered into between the City and DTE Energy on March 4, 2013, The Master Agreement controls the terms of installation and maintenance, generally, such as terms of payment, rates, maintenance responsibilities, term, liability, warranties and general contract provisions, including such things as choice of law and notices.

The Purchase Agreement includes the more specific information relating to each particular project, including total estimated project cost, project location, project specifications, and special order information.

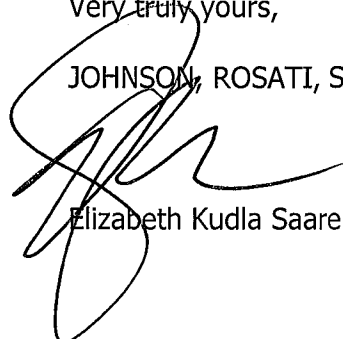
The terms of the Master Agreement apply to each Purchase Agreement for individual projects. The Master Agreement was previously revised to satisfactorily address an issue we raised with the liability provisions in the Agreement.

The Purchase Agreement and Master Street Lighting Agreement are in DTE's standard format and we see no legal impediment to approval of the agreements.

Please feel free to contact me with any questions or concerns in regard to this matter.

Very truly yours,

JOHNSON, ROSATI, SCHULTZ & JOPPICH, P.C.



Elizabeth Kudla Saarela

EKS
Enclosures

- C: Cortney Hanson, Clerk (w/Enclosures)
- Jeffrey Herczeg, Director of Public Services (w/Enclosures)
- George Melistas, Senior Engineering Manager (w/Enclosures)
- Thomas R. Schultz, Esquire (w/Enclosures)

AGREEMENT

This Agreement is entered into this ___ day of _____, 20___, by and between the CITY OF NOVI, a Michigan municipal corporation, whose address is 45175 W. Ten Mile Road, Novi, Michigan 48375 (the "City"), and PULTE HOMES OF MICHIGAN, LLC, a Michigan LLC, ("Developer") whose address is 100 Bloomfield Hills Parkway, Suite 140, Bloomfield Hills, Michigan 48304 and the BEACON HILL MEADOWS CONDOMINIUM ASSOCIATION, whose address is 100 Bloomfield Hills Parkway, Suite 140, Bloomfield Hills, Michigan 48304 ("Association").

RECITATIONS:

The Developer and the Association are designated to administer the affairs of said subdivision at this time.

The Developer has requested the City to assist it in making a certain local public improvement consisting of the installation of one (1) street light at the entrance on Hummingdale Boulevard as described and depicted on the attached Exhibit A hereto.

In accordance with the City's Amended Street Light Policy, dated September 24, 2012, the City will contract directly with DTE for the installation and operation of the type and number of poles and fixtures requested by the Association.

For all requests for installation of a single standard street light at a major road entrance, the City will contract with DTE for the installation of the requested street light. The City will pay the non-DTE share of the installation cost and the annual cost of operating the street light, in accordance with the City's policy.

For all requests other than installation of a single standard street light at a major road entrance, including a non-standard decorative street light, the City will contract with DTE for the installation of the requested street light or lights. The Developer/Association shall reimburse the City for the non-DTE share of the installation cost.

For all requests for street lights in addition to a single street light at a major road entrance, the Association shall reimburse the City on an annual basis for ongoing operating costs of the additional street lights.

The Developer and the Association are authorized to execute this Agreement which shall be binding on the Association.

The City has obtained from the Detroit Edison Company ("DTE") an estimate for the installation and annual operation of said street light, requiring a charge for the one (1) decorative street light of \$4,844.85 and an operating cost for the first year in the amount of \$302.04 ("Annual Operating Cost").

The City has agreed to assist the Developer/Association in facilitating the installation and operation of said street lights with DTE.

The parties desire to enter into this Agreement to provide for the payment to the City by the Developer/Association of the cost of installation for the upgrade to the decorative light at the entrance, plus the City's 10% administrative fee, in the total amount of **\$1,860.57** for which the City will be billed by DTE directly, and the Developer/Association shall reimburse the City in accordance with the Street Light Policy. The Annual Operating Cost, being less than the Annual Operating Cost of a single standard light, will be paid by the City.

NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:

1. To the extent that DTE may require, the City shall contract with DTE for the installation and operation of the proposed decorative street lights.

2. Upon execution of this Agreement, the Developer and/or Association shall pay directly to the City the amount of **\$1,860.57**, representing the Developer/Association portion of the installation cost plus an administrative fee in the amount of 10%, or such other amount as DTE shall require for installation of the proposed street lights.

3. This Agreement contains the entire agreement between the parties, and to statement, promises, or inducement made by either party or agent of either party that is not contained in this written contract shall be valid or binding; and this contract may not be enlarged, modified or altered except in writing signed by both parties and endorsed hereon.

4. The term of this Agreement shall be for twenty (20) years, and shall automatically renew for additional five (5) years periods thereafter, until such time as either party shall notify the other in writing of its intent not to renew. Such notice of intent not to renew shall be given not less than one year prior to the expiration of the original and any renewal terms.

5. This Agreement shall be binding on all heirs, executors, administrators, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the parties have executed this agreement the day and year first written above.

[SIGNATURES BEGIN ON THE NEXT PAGE]

CITY OF NOVI, a Michigan municipal
Corporation

By: Robert J. Gatt
Its: Mayor

By: Dawn Spaulding
Its: Acting City Clerk

BEACON HILL MEADOWS
CONDOMINIUM ASSOCIATION, a
Michigan nonprofit corporation

PULTE HOMES OF MICHIGAN, LLC, a
Michigan limited liability company

By:

Its:

By:

Its:

DTE Energy



February 6, 2018

City of Novi
26300 Lee BeGole Dr
Novi, MI 48375
Attn: Rebecca Runkel

Re: City of Novi- Beacon Hill Subdivision-DTE Entrance Lighting

Attached is the agreement for the work to be performed in the budget letter was sent on February 1, 2018. A detailed description of the project is outlined in the agreements. Please print TWO copies. Please sign BOTH copies in the designated areas. A check in the amount of \$4,844.85 is also required at this time. Please return BOTH signed agreements (as well as check or Purchase Order...made payable to **DTE Energy**) to the following address:

DTE Energy
8001 Haggerty Rd.
Belleville, MI 48111
140 WWSC-Brandon Faron

Upon receipt of BOTH signed copies (and payment), we (DTE Energy) will then sign BOTH copies and return ONE original back to you.

Please call if you have questions, 734-397-4017.

Sincerely,

Brandon R. Faron

Brandon R. Faron
Account Manager
Community Lighting


Exhibit A to Master Agreement

Purchase Agreement

This Purchase Agreement (this "Agreement") is dated as of February 6, 2018 between The Detroit Edison Company ("Company") and the City of Novi ("Customer").

This Agreement is a "Purchase Agreement" as referenced in the Master Agreement for Municipal Street Lighting dated September 16, 2013 (the "Master Agreement") between Company and Customer. All of the terms of the Master Agreement are incorporated herein by reference. In the event of an inconsistency between this Agreement and the Master Agreement, the terms of this Agreement shall control.

Customer requests the Company to furnish, install, operate and maintain street lighting equipment as set forth below:

1. DTE Work Order Number:	49804532	
	If this is a conversion or replacement, indicate the Work Order Number for current installed equipment: N/A	
2. Location where Equipment will be installed:	Beacon Hill Subdivision-Meadowbrook & Hummingdale Blvd, as more fully described on the map attached hereto as <u>Attachment 1</u> .	
3. Total number of lights to be installed:	1	
4. Description of Equipment to be installed (the " <u>Equipment</u> "):	Install (1) stock, black MainStreet fiberglass post on concrete foundation, and (1) stock 60w LED Basic Granville with black housing.	
5. Estimated Total Annual Lamp Charges	\$302.04	
6. Computation of Contribution in aid of Construction (" <u>CIAC Amount</u> ")	Total estimated construction cost, including labor, materials, and overhead:	\$5,750.97
	Credit for 3 years of lamp charges:	\$906.12
	CIAC Amount (cost minus revenue)	\$4,844.85
7. Payment of CIAC Amount:	Due promptly upon execution of this Agreement	
8. Term of Agreement	5 years. Upon expiration of the initial term, this Agreement shall continue on a month-to-month basis until terminated by mutual written consent of the parties or by either party with thirty (30) days prior written notice to the other party.	
9. Does the requested Customer lighting design meet IESNA recommended practices?	(Check One) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If "No", Customer must sign below and acknowledge that the lighting design does not meet IESNA recommended practices <div style="text-align: right; margin-top: 10px;">  </div>	
10. Customer Address for Notices:	City of Novi 26300 Lee BeGole Dr Novi, MI 48375 Attn: Rebecca Runkel	

11. Special Order Material Terms:

All or a portion of the Equipment consists of special order material: (check one) YES NO

If "Yes" is checked, Customer and Company agree to the following additional terms.

A. Customer acknowledges that all or a portion of the Equipment is special order materials ("SOM") and not Company's standard stock. Customer will purchase and stock replacement SOM and spare parts. When replacement equipment or spare parts are installed from Customer's inventory, the Company will credit Customer in the amount of the then current material cost of Company standard street lighting equipment.

B. Customer will maintain an initial inventory of at least **N/A** posts and **N/A** luminaires and any other materials agreed to by Company and Customer, and will replenish the stock as the same are drawn from inventory. Costs of initial inventory are included in this Agreement. The Customer agrees to work with the Company to adjust inventory levels from time to time to correspond to actual replacement material needs. If Customer fails to maintain the required inventory, Company, after 30 days' notice to Customer, may (but is not required to) order replacement SOM and Customer will reimburse Company for such costs. Customer's acknowledges that failure to maintain required inventory could result in extended outages due to SOM lead times.

C. The inventory will be stored at _____ N/A _____. Access to the Customers inventory site must be provided between the hours of 9:00 am to 4:00 pm, Monday through Friday with the exceptions of federal Holidays. Customer shall name an authorized representative to contact regarding inventory: levels, access, usage, transactions, and provide the following contact information to the Company:

Name: _____ N/A _____ Title: _____ N/A _____

Phone Number: _____ N/A _____ Email: _____ N/A _____

The Customer will notify the Company of any changes in the Authorized Customer Representative. The Customer must comply with SOM manufacturer's recommended inventory storage guidelines and practices. Damaged SOM will not be installed by the Company.

D. In the event that SOM is damaged by a third party, the Company may (but is not required to) pursue a damage claim against such third party for collection of all labor and stock replacement value associated with the damage claim. Company will promptly notify Customer as to whether Company will pursue such claim.

E. In the event that SOM becomes obsolete or no longer manufactured, the Customer will be allowed to select new alternate SOM that is compatible with the Company's existing infrastructure.

F. Should the Customer experience excessive LED equipment failures, not supported by LED manufacturer warranties, the Company will replace the LED equipment with other Company supported Solid State or High Intensity Discharge luminaires at the Company's discretion. The full cost to complete these replacements to standard street lighting equipment will be the responsibility of the Customer.

12. Experimental Emerging Lighting Technology ("EELT") Terms:

All or a portion of the Equipment consists of EELT: (check one) YES NO

If "Yes" is checked, Customer and Company agree to the following additional terms.

A. The annual billing lamp charges for the EELT equipment has been calculated by the Company are based upon the estimated energy and maintenance cost expected with the Customer's specific pilot project EELT equipment. .

B. Upon the approval of any future MPSC Option I tariff for EELT street lighting equipment, the approved rate schedules will automatically apply for service continuation to the Customer under Option 1 Municipal Street Lighting Rate, as approved by the MPSC. The terms of this paragraph B replace in its entirety Section 7 of the Master Agreement with respect to any EELT equipment purchased under this Agreement.

Company and Customer have executed this Purchase Agreement as of the date first written above.

Company:

Customer:

The Detroit Edison Company

City of Novi

By: _____

By: _____



Name: _____

Name: _____

Title: _____

Title: _____

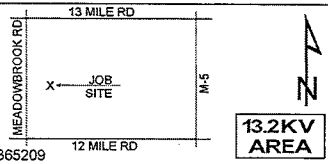
Attachment 1 to Purchase Agreement

Map of Location

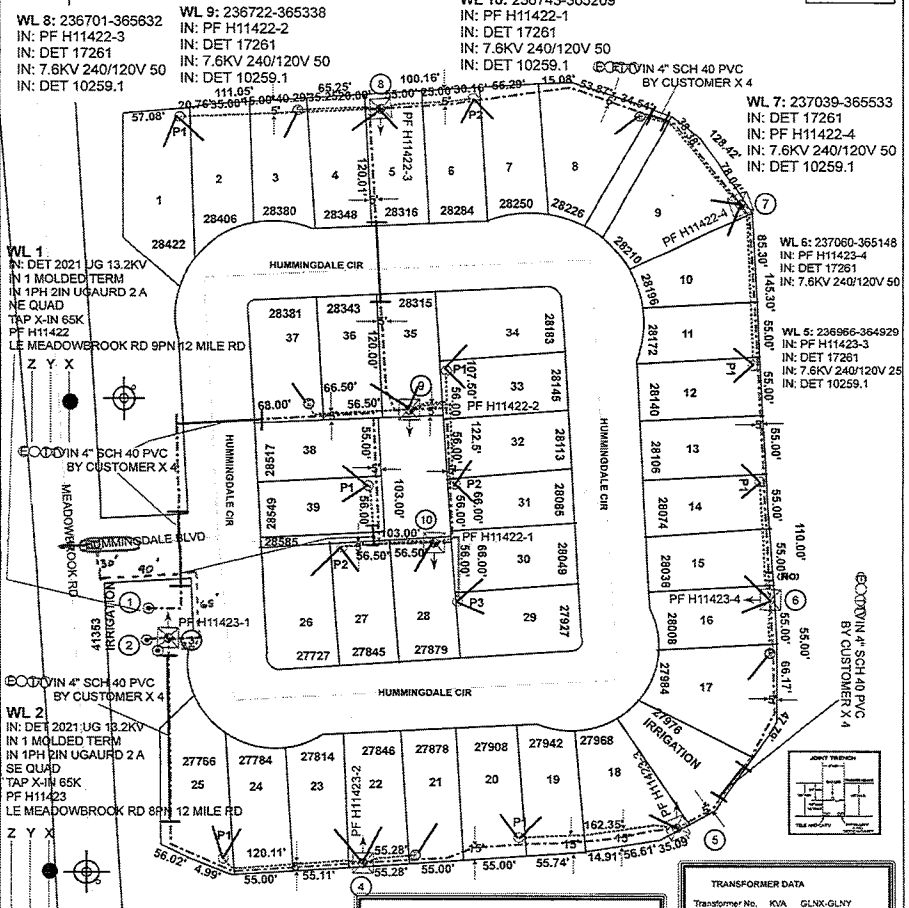
[To be attached]



GENERAL NOTES:
 TRENCH TO BE BORED BY
 TRENCH AND CABLE LENDING APPROVED
 SEE SECTION 54 FOR LINE CONSTRUCTION STANDARDS FOR TRUNK, WAT. DETAILS
 SEE TABLE 3-1.1.1.1.1.1 FOR DISTANCE FROM DEPTH SAFETY
 SEE SECTION 54 FOR LINE CONSTRUCTION STANDARDS FOR PLACEMENT OF CABLES,
 TRANSFORMERS AND PULLBOXES (SEE 0107)
 UTILITY SERVICE PLANNER: [REDACTED]
 DATE: [REDACTED]
 CITY: [REDACTED]
 COUNTY: [REDACTED]
 OTHER: [REDACTED]
 CONTRACT NO. [REDACTED] DATE [REDACTED]
 LAISEMENTS INDICATED BY DIVE CENTRALISE ARE
 IN WIDTH VALUES OTHERWISE NOTED.



13.2KV AREA



WL 8: 236701-365632
 IN: PF H11422-3
 IN: DET 17261
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

WL 9: 236722-365338
 IN: PF H11422-2
 IN: DET 17261
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

WL 10: 236743-365209
 IN: PF H11422-1
 IN: DET 17261
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

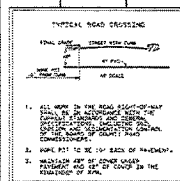
WL 7: 237039-365533
 IN: DET 17261
 IN: PF H11422-4
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

WL 6: 237060-365148
 IN: PF H11423-4
 IN: DET 17261
 IN: 7.6KV 240/120V 50

WL 5: 236966-364929
 IN: PF H11423-3
 IN: DET 17261
 IN: 7.6KV 240/120V 25
 IN: DET 10259.1

WL 1
 IN: DET 2021 UG 13.2KV
 IN 1 MOLDED TERM
 IN 1PH BIN UGAURD 2 A
 NE QUAD
 TAP X-IN 6SK
 PF H11422
 LE MEADOWBROOK RD 9PN 12 MILE RD
 Z Y X

WL 2
 IN: DET 2021 UG 13.2KV
 IN 1 MOLDED TERM
 IN 1PH BIN UGAURD 2 A
 SE QUAD
 TAP X-IN 6SK
 PF H11423
 LE MEADOWBROOK RD 8PN 12 MILE RD
 Z Y X



TRUCK ACCESSIBLE
 CALL MISS DIG
 MAPPING WILL
 CREATED NEW URD
 NUMBER FOR THIS
 URD.

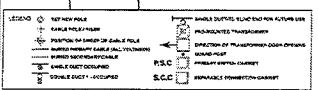
Trench-Bore Summary		
Type	Occupants	Length
TRENCH ONLY	6, 7, 7V	51.66
		Total = 51.66

Cable Summary		
Type	Legacy Stock # / SAP #	Length
LN 3/0A_201_1/0R_XLPE-2	715-3073/1009107104	2813
LN 3/0A_201_1/0R_XLPE	713-7506/1009104224	417
LN 3/0A_201_4/0R_XLPE	713-0577/1009114947	1310

Created on: 7/25/2017 9:15:06 AM

TRANSFORMER DATA		
Transformer No.	KVA	GLNK-GLNY
PF H11422-1	50	236743-365209
PF H11422-2	50	236722-365338
PF H11422-3	50	236701-365632
PF H11422-4	50	237039-365533
PF H11423-1	25	236966-364929
PF H11423-2	50	236966-364929
PF H11423-3	25	236966-364929
PF H11423-4	50	237060-365148

Total KVA=350
 Created on: 7/26/2017 5:14:59 AM



WL 3: 236490-365121
 IN: PF H11423-1
 IN: DET 17261
 IN: 7.6KV 240/120V 25
 IN: DET 10259.1

WL 4: 236669-364901
 IN: PF H11423-2
 IN: DET 17261
 IN: 7.6KV 240/120V 50
 IN: DET 10259.1

DTE Electric - Distribution Engineering and Planning			
DATE	BY	APP'D	REVISION
7/25/2017	[REDACTED]	[REDACTED]	1