

**CONTRACT FOR SYSTEM HARDENING AND RELIABILITY IMPROVEMENTS  
WORK ORDER NO. 20**

THIS WORK ORDER for System Hardening and Reliability Improvements ("Work Order" hereafter) is made on the \_\_\_\_\_, between the **City of Lake Worth Beach**, a Florida municipal corporation located at 7 North Dixie Highway, Lake Worth Beach, Florida 33460 ("City" hereafter) and **Hooper Corporation**, a foreign for profit corporation authorized to do business in State of Florida ("Contractor" hereafter).

**1.0 Project Description:**

The City desires the Contractor to provide all goods, services, materials and equipment as identified herein related to the System Hardening and Reliability Improvements project generally described as: 1615 10th Avenue N - System Hardening and Voltage Conversion (the "Project"). The Project is more specifically described in the plans prepared by Hooper Corp, dated April 2, 2025, and which are incorporated herein by reference.

**2.0 Scope**

Under this Work Order, the Contractor will provide the City of Lake Worth Beach with construction services for the Project as specified in the **Contractor's proposal attached hereto and incorporated herein as Exhibit "1"**.

**3.0 Schedule and Liquidated Damages**

Substantial completion of all services and work under this Work Order shall be within **180 calendar days** from the Effective Date of this Work Order. Final completion of all services and work (and all punch-list items (if any)) under this Work Order shall be within **210 calendar days** from the Effective Date of this Work Order. The Effective Date of this Work Order is the date following the parties' execution of this Work Order and the City's delivery of a Notice to Proceed to the Contractor via e-mail, facsimile or other form of delivery as documented by the City. Substantial completion occurs when the services and work has progressed to the point where, in the opinion of the City, the work is sufficiently complete in accordance with the Contract Documents and this Work Order, so that the Project can be utilized for the purposes for which it is intended. Final completion occurs when all services and work (including punch-list items) has been completed and the project becomes fully operational and accepted by the City.

**Liquidated Damages.** The City and Contractor recognize that time is of the essence under this Work Order and the Contract Documents, and that the City will suffer financial loss if the services and work described in this Work Order and the Contract Documents are not completed within the times specified in this Work Order. The City and Contractor recognize, agree and acknowledge that it would be impractical and extremely difficult to ascertain and fix the actual damages that the City would suffer in the event Contractor neglects, refuses, or otherwise fails to complete the services and work within the time specified. Accordingly, instead of requiring any such proof, the City and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay the City Five hundred dollars (\$500.00) for each day that expires after the time specified in this Work Order.

**4.0 Compensation and Direct Purchases**

This Work Order is issued for a lump sum, not to exceed amount of **\$327,887.90** The total not to exceed amount includes contingency of **\$29,807.99** The attached proposal identifies all costs and expenses included in the Work Order

The following Direct Purchases are to be made under this Work Order by the City: **N/A**

**5.0 Project Manager**

The Project Manager for the Contractor is Gary Shortridge, phone: 313-573-5165; email: GShortridge@hoopercorp.com; and, the Project Manager for the City is David Martyniuk, phone: 561-586-1629; email: dmartyniuk@lakeworthbeachfl.gov.

**6.0 Progress Meetings**

The Contractor shall schedule periodic progress review meetings with the City Project Manager as necessary but every 30 days as a minimum.

**7.0 Contractor's Representations**

In order to induce the City to enter into this Work Order, the Contractor makes the following representations:

7.1 Contractor has familiarized itself with the nature and extent of the Contract Documents including this Work Order, work, site, locality, and all local conditions and laws and regulations that in any manner may affect cost, progress, performance or furnishing of the work.

7.2 Contractor has obtained at his/her own expense and carefully studied, or assumes responsibility for obtaining and carefully studying, soil investigations, explorations, and test reports which pertain to the subsurface conditions at or contiguous to the site or otherwise may affect the cost, progress, performance or furnishing of the work as Contractor considers necessary for the performance or furnishing of the work at the stated work order price within the Work Order stated time and in accordance with the other terms and conditions of the Contract Documents, including specifically the provisions of the IFB; and no additional examinations, investigations, explorations, tests, reports, studies or similar information or data are or is deemed necessary by Contractor for such purposes.

7.3 Contractor has reviewed and checked all information and data shown or indicated on the Contract Documents with respect to existing Underground Facilities at or contiguous to the site and assumes responsibility for the accurate location of said Underground Facilities. No additional examinations, investigations, explorations, tests, reports, studies or similar information or data in respect of said Underground Facilities are or is deemed necessary by the Contractor in order to perform and furnish the work under this Work Order price, within the Work Order time and in accordance with the other terms and conditions of the Contract Documents.

7.4 Contractor has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.

7.5 Contractor has given the City's Contract Administrator written notice of all conflicts, errors or discrepancies that he or she has discovered in the Contract Documents and the written resolution thereof by City or its designee is acceptable to the Contractor.

**8.0 Warranty.** The Contractor warrants and guarantees to the City that all services and work provided under this Work Order will be in accordance with this Work Order and the other Contract Documents. The Contractor warrants that (a) all materials and parts supplied under this Work Order shall be free from defects for one (1) year from the final completion of all work (unless a longer manufacturer warranty applies); (b) all services and work performed under this Work Order will be free from defects for one (1) year from the final completion of all work and the project shall be fully operational without unreasonable downtime or failures; and (c) that the services and work will conform to the requirements of the Contract Documents. If, at any time prior to the expiration of the one (1) year warranty period, the City discovers any failure or breach of the Contractor's warranties or the Contractor discovers any failure or breach of the Contractor's warranties, the Contractor will, upon written notice from City or of its own accord, at the Contractor's sole cost and expense, promptly correct such failure or breach (which corrective action must include, without limitation, any necessary removal, disassembly, reinstallation, repair, replacement, reassembly, retesting, and/or re-inspection of any part or portion of the work and any other property damaged or affected by such failure, breach, or corrective action). The Contractor will remedy any such failure or breach so, to the extent possible, to avoid unnecessary disruptions to the operations of City or its systems. In the event the Contractor fails to initiate and diligently pursue corrective action within five (5) days of the Contractor's receipt of the City's notice or the Contractor's discovery of the same, the City may undertake such corrective action at the Contractor's expense.

**9.0 Compliance with section 787.06, Florida Statutes.**

By signing this Work Order before a notary public and taking an oath under the penalty of perjury, the Contractor attests and warrants that the Contractor does not use coercion for labor or services as defined in section 787.06, Florida Statutes (2024).

**10.0 Authorization**

This Work Order is issued pursuant to the System Hardening and Reliability Improvements Contract for between the City of Lake Worth Beach and the Contractor, dated 09/28/2023, ("Contract" hereafter). If there are any conflicts between the terms and conditions of this Work Order and the Contract, the terms and conditions of the Contract shall prevail.

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SIGNATURE PAGE FOLLOWS

IN WITNESS WHEREOF, the parties hereto have made and executed this **Work Order** as of the day and year set forth above.

**CITY OF LAKE WORTH BEACH, FLORIDA**

By: \_\_\_\_\_  
Betty Resch, Mayor

ATTEST:

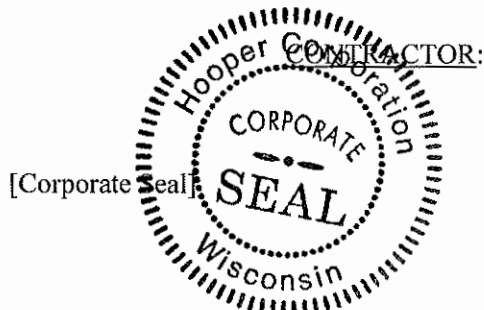
By: \_\_\_\_\_  
Melissa Ann Coyne, MMC, City Clerk

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY:

APPROVED FOR FINANCIAL  
SUFFICIENCY

By: \_\_\_\_\_  
Glen J. Torcivia, City Attorney

By: \_\_\_\_\_  
Yannick Ngendahayo, Financial Services Director



**HOOPER CORPORATION**

By: Robert Hoffer

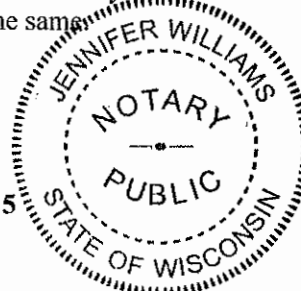
Print Name: Robert Hoffer

Title: Secretary

STATE OF Wisconsin  
(COUNTY OF Dane)

The Foregoing Affidavit of Contractor regarding Non-Collusion and Public Entity Crime was acknowledged before me by means of physical presence or online notarization on this \_\_\_\_ day of \_\_\_\_\_ 2025, by Robert Hoffer, as the Secretary [title] of Hooper Corporation, A Corporation, which is authorized to do business in the State of Florida, who is personally known to me or who has produced \_\_\_\_\_ as identification, and who did take an oath under penalty of perjury that the facts stated with regard to section 787.06, Florida Statutes, are true and correct, and that he or she is duly authorized to execute the foregoing instrument and bind Robert Hoffer to the same.

Jennifer Williams  
Notary Public Signature  
Notary Seal:



**Exhibit “1”**



**CITY OF LAKE WORTH BEACH UTILITIES**  
10<sup>th</sup> Ave N and A Street, System Hardening

April 2, 2024

**Proposal**

Hooper would like to provide a proposal for the 10<sup>th</sup> Ave N and A Street System Hardening and Voltage Conversion project based on e-mail received March 18, 2025.

Our price of **\$298,079.91** is based on the following.

- Splicing of 9 - 26kV 1000mcm AL cables located in 2 splice boxes.
- Pick up the pole at the yard and haul the pole to site.
- Setting four ductile iron pole 55'/H6.
- Frame new ductile iron poles as risers with 900 amp disconnects.
- Frame one existing pole as a new transformer location.
- Remove one existing transformer location.
- Replace existing open wire secondary with 4/0 triplex.
- Transfer load onto new underground cable.
- Remove overhead conductor and material that is no longer required, as outlined on the proposal summary.
- City of Lake Worth Beach Utilities is to supply all materials except for the 2" and 6" conduits.
- Installation 4-6" and 2-2" conduits
- Installation of (2) Feeder Splice boxes
- Installation of Feeder Cables
- Concrete Restoration
- MOT
- Private Locates (GPR)

Hooper has excluded all permits, relocation of any underground utilities.

Thank you for the opportunity. We look forward to working with your Team on this project.

Gary Shortridge  
Regional Manager  
Hooper Corporation



April 2, 2025

**LOC 2**

**\$ 17,525.85**

Install 55'/H6 Ductile Iron Pole	EA	1	\$	3,470.40
Layout Conductor on Hot Arms	EA	6	\$	1,285.62
Remove Tangent Crossarm	EA	1	\$	342.83
Remove Double Dead End Crossarm	EA	1	\$	342.83
Remove 900A Switches	EA	3	\$	514.20
Remove Jumpers	EA	6	\$	1,028.40
Install Dead End Crossarm	EA	1	\$	428.53
Install Double Dead End Crossarm	EA	1	\$	428.53
Install Termination Bracket	EA	1	\$	171.40
Install 900A Switches	EA	3	\$	514.20
Install Terminations	EA	3	\$	2,056.89
Install 5" U-Guard & Riser	EA	1	\$	857.07
Transfer Primary Conductors - Deadend	EA	6	\$	3,085.38
Transfer Secondary	EA	1	\$	342.83
Transfer Neutral	EA	2	\$	342.80
Transfer Street Light	EA	1	\$	299.97
Install Jumpers	EA	6	\$	1,028.40
Install Ground	EA	1	\$	171.40
Remove Hot Arms	EA	4	\$	685.60
Top Cut Existing Wood Pole	EA	1	\$	128.57

**LOC 3**

**\$ 17,354.43**

Install 55'/H6 Ductile Iron Pole	EA	1	\$	3,470.40
Layout Conductor on Hot Arms at Nearest Location(s)	EA	6	\$	1,542.60
Install Double Dead End Crossarm	EA	1	\$	428.53
Install Termination Bracket	EA	2	\$	342.80
Install 900A Switch	EA	6	\$	1,028.40
Install Terminations	EA	6	\$	4,113.78
Install 5" U-Guard & Riser	EA	2	\$	1,714.14
Transfer Primary Conductors - Deadend	EA	4	\$	1,371.32
Transfer Neutral	EA	1	\$	171.40
Transfer Secondary	EA	1	\$	214.27
Install Jumpers	EA	12	\$	2,056.80
Install Ground	EA	1	\$	171.40
Install Multi Helix Anchor to the North	EA	1	\$	257.10
Install Down Guy	EA	1	\$	214.27
Remove Hot Arms	EA	6	\$	257.22

**LOC 3A****\$ 3,899.55**

Remove Crossarm	EA	2	\$	685.66
Remove Terminations	EA	3	\$	1,028.49
Remove Termination Bracket	EA	1	\$	128.57
Remove 900A Switches	EA	3	\$	514.20
Remove U-Guard	EA	1	\$	514.23
Remove Jumpers	EA	6	\$	1,028.40

**LOC 4****\$ 8,959.47**

Remove Tangent Crossarm	EA	2	\$	685.66
Install Dead End Crossarm	EA	1	\$	428.53
Install 100KVA Transformer	EA	1	\$	857.07
Install Cutouts	EA	1	\$	857.07
Install Bracket	EA	1	\$	857.07
Transfer Primary Conductor	EA	5	\$	1,714.15
Remove 4/0 Conductor	EA	1	\$	342.83
Install 4/0 TPX (to LOC 7)	FT	155	\$	1,196.60
Remove OW Secondary	FT	155	\$	263.50
Transfer Multiplex/Service	EA	4	\$	1,028.40
Remove Hot Arms	EA	4	\$	171.48
Install Lighting Arrestors	EA	3	\$	385.71
Install Ground	EA	1	\$	171.40

**LOC 4A****\$ 4,242.38**

Remove Crossarm	EA	3	\$	1,028.49
Remove Terminations	EA	3	\$	1,028.49
Remove Termination Bracket	EA	1	\$	128.57
Remove 900A Switches	EA	3	\$	514.20
Remove U-Guard	EA	1	\$	514.23
Remove Jumpers	EA	6	\$	1,028.40

**LOC 5****\$ 6,717.18**

Remove 3-Phase Primary	EA	4	\$	1,371.32
Remove Terminations	EA	3	\$	1,028.49
Remove 900A Switches	EA	3	\$	257.10
Remove Termination Bracket	EA	1	\$	128.57
Remove Jumpers	EA	6	\$	1,028.40
Remove 5" U-Guard & Riser	EA	1	\$	171.40
Remove Crossarm	EA	4	\$	685.60
Remove Down Guy & Anchor	EA	1	\$	257.10
Remove Lighting Arrestors	EA	3	\$	257.10
Remove/Pullout 4KV Primary UGD Conductor	FT	750	\$	1,275.00
Top Cut Existing Concrete Pole	EA	1	\$	257.10



**LOC 6** **\$ 6,290.78**

Remove 3-Phase Primary	EA	4	\$	1,371.32
Remove Terminations	EA	3	\$	1,028.49
Remove 900A Switches	EA	3	\$	257.10
Remove Termination Bracket	EA	1	\$	128.57
Remove Jumpers	EA	6	\$	1,028.40
Remove 5" U-Guard & Riser	EA	1	\$	171.40
Remove Crossarm	EA	3	\$	514.20
Remove Down Guy & Anchor	EA	1	\$	257.10
Remove Lighting Arrestors	EA	3	\$	257.10
Remove/Pullout 26KV Primary UGD Conductor	FT	600	\$	1,020.00
Top Cut Existing Concrete Pole	EA	1	\$	257.10

**LOC 7** **\$ 4,159.73**

Remove 3-Phase Primary	EA	1	\$	342.83
Remove OW Secondary	EA	155	\$	263.50
Install 4/0 TPX	EA	155	\$	1,196.60
Remove Transformer	EA	1	\$	514.23
Remove Crossarm	EA	2	\$	342.80
Transfer Multiplex/Service	EA	4	\$	1,028.40
Remove Cutout	EA	1	\$	85.70
Remove Lightning Arrestors	EA	3	\$	257.10
Top Cut Existing Wood Pole	EA	1	\$	128.57

**LOC 8** **\$ 2,356.80**

Remove 3-Phase Primary	EA	1	\$	342.83
Remove Crossarm	EA	2	\$	342.80
Transfer Multiplex/Service	EA	5	\$	1,285.50
Remove Lightning Arrestors	EA	3	\$	257.10
Top Cut Existing Wood Pole	EA	1	\$	128.57

**LOC 9** **\$ 19,109.08**

Install 55'/H6 Ductile Iron Pole	EA	1	\$	3,470.40
Layout Conductor on Hot Arms at Nearest Location(s)	EA	6	\$	1,542.60
Install Tangent Crossarm	EA	2	\$	857.06
Install Dead End Crossarm	EA	1	\$	728.50
Install Termination Bracket	EA	1	\$	171.40
Install 900A Switches	EA	3	\$	514.20
Install 26KV Terminations	EA	3	\$	2,056.89
Install 5" U-Guard	EA	1	\$	857.07
Install 3-Phase Primary Conductor	FT	180	\$	3,083.40
Install Neutral	FT	60	\$	256.80
Transfer Primary Conductors	EA	6	\$	2,056.98
Transfer Neutral	EA	1	\$	171.40
Transfer Secondary	EA	1	\$	214.27
Install Jumpers	EA	9	\$	1,542.60
Install Ground	EA	1	\$	171.40
Install Lightning Arrestors	EA	3	\$	385.71
Remove Hot Arms	EA	6	\$	1,028.40

**LOC 10****\$ 16,325.99**

Install 55'/H6 Ductile Iron Pole  
Install Dead End Crossarm  
Install Termination Bracket  
Install 900A Switches  
Install 26KV Terminations  
Install 5" U-Guard & Riser  
Install Primary Conductor from Loc 9  
Install Neutral from Loc 9  
Install Jumpers  
Install Ground  
Install Lightning Arrestors

EA	1	\$	3,470.40
EA	1	\$	599.93
EA	2	\$	342.80
EA	6	\$	1,028.40
EA	6	\$	4,113.78
EA	2	\$	1,714.14
EA	3	\$	1,542.69
EA	1	\$	514.23
EA	12	\$	2,056.80
EA	1	\$	171.40
EA	6	\$	771.42

**LOC 1 to LOC 9****\$ 53,611.89**

Install 2-6" Conduit by Directional Bore  
Install 1-2" Conduit by Directional Bore  
Install 4'x9'x4' Splice Box  
Pulling of Feeder Cable  
Install 26kV Splice Kits

FT	1000	\$	31,500.00
FT	1000	\$	11,550.00
EA	1	\$	1,575.00
FT	1100	\$	6,930.00
EA	3	\$	2,056.89

**LOC 1 to LOC 2****\$ 10,185.00**

Install 2-6" Conduit by Directional Bore  
Install 1-2" Conduit by Directional Bore  
Pulling of Feeder Cable

FT	200	\$	6,300.00
FT	200	\$	2,310.00
FT	250	\$	1,575.00

**LOC 1A to LOC 10****\$ 67,848.78**

Install 2-6" Conduit by Directional Bore  
Install 1-2" Conduit by Directional Bore  
Install 4'x9'x4' Splice Box  
Pulling of Feeder Cable  
Install 26kV Splice Kits

FT	1100	\$	34,650.00
FT	1100	\$	12,705.00
EA	1	\$	1,575.00
FT	2350	\$	14,805.00
EA	6	\$	4,113.78

**LOC 1A to LOC 3****\$ 11,760.00**

Install 2-6" Conduit by Directional Bore  
Install 1-2" Conduit by Directional Bore  
Pulling of Feeder Cable

FT	200	\$	6,300.00
FT	200	\$	2,310.00
FT	500	\$	3,150.00

**LOC 1A to LOC 3****\$ 47,733.00**

Maintenance of Traffic (MOT)  
Private Locates (GPR)  
Material (2" & 6" Conduit)  
Fusing 6" Conduits

LS	1	\$	5,208.00
LS	1	\$	1,260.00
LS	1	\$	36,540.00
LS	1	\$	4,725.00

**TOTAL****\$ 298,079.91**