



Master Construction Services Agreement

BETWEEN

National Grid USA Service Company, Inc.

AND

J.W. Didado Electric, LLC

**to provide
Materials, Equipment & Construction Services in support of
Substation PCL Tiers 2-3 (NE & NY)**

November 1, 2021

SAP Contract #: 4400008823

v.4.0 2182019

SAP Contract #: 4400008823

TABLE OF CONTENTS

The following documents, including all Schedules, exhibits or attachments thereto, are incorporated into this Agreement by reference as if fully set forth herein. All documents below, referred to collectively and individually as the “Contract Documents” or “Agreement”, are intended to be complementary and contain the entire agreement between the parties with respect to its subject matter and supersede all prior and contemporaneous representations, proposals, discussions, and communications, whether oral or in writing, with respect thereto.

In the event of conflict between the documents comprising this Agreement, they are listed below in descending order of precedence:

1. This Agreement
2. Exhibit A – Supplemental Conditions
3. Exhibit B – 700 Form Construction Terms and Conditions (rev. July 1, 2020) (“Terms & Conditions”)
4. Exhibit C – Non-Disclosure Agreement including Information Security Addendum
5. Exhibit D – Construction Specification (rev. 2)
6. Exhibit E – Form of Notice of Award
7. Exhibit F – Form of Notice to Proceed
8. Exhibit G – Labor & Equipment Rate Workbook
 - i. Exhibit G1 – Equipment Rate Workbook
 - ii. Exhibit G2 – Labor Rate Workbooks
 - a. New England
 - b. New York
9. Exhibit H- Commercial Incentives
10. Exhibit I – Contractor Safety Requirements
11. Exhibit J – Environmental Procedures and Guidance Documents
12. Exhibit K – Supplier Code of Conduct

13. Exhibit L – DOT Contractor Compliance Affidavit
14. Exhibit M – NERC Cyber Security Standards and Requirements
15. Exhibit N – Background Check Requirements – National Grid Level 2

MASTER CONSTRUCTION SERVICES AGREEMENT

This Master Construction Services Agreement, including the Contract Documents listed in the Table of Contents, (“Agreement”), is effective as of November 1, 2021 (“Effective Date”), by and between National Grid USA Service Company, Inc., with principal offices at 40 Sylvan Road, Waltham, MA 02451, (“National Grid” or “Company”), and **J.W. Didado Electric, LLC**, having a place of business at, 1033 Kelly Avenue Akron, OH 44306 (“Contractor”), for the provision of the **Substation PCL Tiers 2-3 (NE & NY)**, as specified in the appropriate documents. This agreement provides for the provision of contracted services by the Contractor to the Owner for electrical construction in fully tested and commissioned status, inclusive of all features and capabilities defined under the scope of work, and on the agreed schedule of delivery, for which the Contractor will be remunerated by the Owner in an amount equal to the Lump Sum bid price (contract price), paid in accordance with the Terms and Conditions of this Agreement and any subsequent awarded projects.

ARTICLE 1 - SCOPE OF AGREEMENT

This Agreement sets out the general terms and conditions pursuant to which Contractor shall provide the Services to National Grid. The Contractor hereby agrees to meet all requirements of the full scope of work as defined in the Contract Specification (see Exhibits) and any subsequent Request for Proposal as tendered by National Grid, in Ariba, inclusive of all Technical Specifications, Standards, Guidance, Notes, Addenda items, Message Board Responses, and Clarifications, as well as documented correspondence and written responses related to post bid Questions and Answers.

The parties acknowledge and agree that this Agreement does not commit National Grid to appoint Contractor to provide any services nor does it commit Contractor to provide any services to National Grid, unless agreed between the parties in writing and set out in a Project Statement in accordance with Article 3 below.

ARTICLE 2 – TERM OF AGREEMENT

This Agreement shall commence on the Effective Date and shall continue in full force and effect

until **October 31, 2024, with a Company option for two (2) one (1) year extensions**, unless earlier terminated pursuant to the terms and conditions of this Agreement.

The parties may elect to extend the Agreement beyond **October 31, 2024** by separate agreement in writing. Any such renewal will be subject to the same terms and conditions as set out in this Agreement, unless otherwise agreed in writing by the parties.

ARTICLE 3- SCHEDULE

The Contractor agrees to commence any Work to be performed under this Agreement at the time specified by Owner, and to carry it on continuously with such diligence that the Work will be completed on schedule. Any planned, contemplated, or unforeseen changes to project schedules must be documented in detail by the Contractor, inclusive or all cascading effects, particularly any change to the project end date. This information must be presented to and discussed with the Owner and must be approved in writing by the Owner's Project Manager

ARTICLE 4 – CONTRACT PRICE

The Contract for the Work is based on any direct assigned or awarded Lump Sum detailed on the Notice to Proceed that will be provided to the Contractor upon award. The contract price includes the cost of a dedicated project Safety Representative.

ARTICLE 5 – NOTICES

Notices required or permitted under this Agreement shall be addressed to:

J.W. Didado Electric, LLC:

J.W. Didado Electric, LLC
1033 Kelly Avenue
Akron, OH 44306
Attention: Dan Sublett
Email: dsublett@jwdidado.com

National Grid USA Service Company, Inc:

National Grid
40 Sylvan Road
Waltham, MA02451
Attention: Jordan Shafir
Email: Jordan.shafir@nationalgrid.com

ARTICLE 6 – ADDITIONAL NATIONAL GRID COMPANIES

With the approval of National Grid, any current or future U.S. affiliate of National Grid may become a party to this Agreement at its discretion, subject to satisfactory completion of Contractor’s client acceptance policies and procedures. Contractor agrees that it shall execute any documents, including any amendment to this Agreement, or any letter of acknowledgement, that such U.S. affiliate reasonably believes to be necessary to effect its inclusion as a party under this Agreement. Once included as a party, such affiliate may exercise all rights afforded to National Grid under this Agreement.

ARTICLE 7 – SEVERAL LIABILITY

The rights and obligations of each National Grid company in connection with this Agreement shall be several and not joint. Any claims Contractor may have against a National Grid company under this Agreement, including without limitation any claims for payment or claims based on damages or other liability, may apply only to such individual National Grid company, and may not be sought from any other National Grid companies, regardless of whether they are companies under other agreements. Contractor hereby explicitly waives any right it may have for recovery against any National Grid company other than the National Grid entity identified as the company on a particular agreement, for all matters arising out of or connected to such agreement.

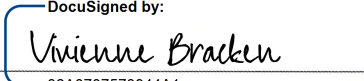
ARTICLE 8 - ENTIRE AGREEMENT

This Agreement, including all Contract Documents, constitutes the entire agreement between National Grid and Contractor, with respect to the Projects and all previous representations relative thereto, either written or oral are hereby annulled and superseded. No modification of any of the provisions of this Agreement shall be binding unless in writing and signed by the parties.

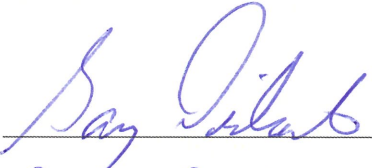
[Signatures appear on next page]

IN WITNESS WHEREOF, each party hereto has caused this Agreement to be executed by its duly authorized representatives on the day and year set forth below:

**NATIONAL GRID USA SERVICE
COMPANY, INC.**

Signature: 
Name: Vivienne Bracken
Title: CPO
Date: November 23, 2021 | 3:25 AM EST

J.W. DIDADO ELECTRIC, LLC

Signature: 
Name: Gary Didado
Title: President
Date: 11/9/2021

Equipment	Notes	Example	Source	Substation Frequency of Use	TOTAL BILLING RATE			TOTAL OVERHEAD AMOUNT		
					DAILY Billing Rate	WEEKLY Billing Rate	MONTHLY Billing Rate	DAILY	WEEKLY	MONTHLY
Example: 3/4 Ton Pickup/ 1 Ton Pickup	Notes	Ford F250-F350	Owned	1-Frequent						
Passenger Vehicle, 1/2 Ton Pickup	Carries personnel and limited utilities	Corolla, Ford F150	Owned	3-Very Rare						
3/4 Ton Pickup/ 1 Ton Pickup	Carries between 4-5 Resources, tools, bags, hats	Ford F250-F350	Owned	1-Frequent						
Wire Puller / Tensioner V Groove puller	Allows you to pull old conductor with new conductor, this varies from the other pullers, old wire is able to be pulled out while the new one is pulled in.	Wagner Smith T-VBWPT-340-72	Rented	2-Occasional						
Wire / Cable Reel Trailer- Triple arbor bar	Trailer with drums to wind up cable or wire, the arbors allow the wire to be reeled in a different way and in different quantities.		Owned	2-Occasional						
Office / Job Trailer 20'	Portable Office Trailer for job sites	William Scotsman	Rented	1-Frequent						
Office / Job Trailer 40'	Portable Office Trailer for job sites	William Scotsman	Rented	1-Frequent						
Conex Box 20'	Storage, box crates from ships, trailers etc.	Averdi	Rented	1-Frequent						
Conex Box 40'	Large Storage, box crates from ships, trailers etc.	Averdi	Rented	1-Frequent						
55' Bucket Truck	Non Material Handler		Owned	1-Frequent						
55' Bucket Truck Material Handler	Used to lift personel, and handle materials, could have an additional grapple to hold equipment when doing work off the ground.		Owned	1-Frequent						
45' man lift, articulated or straight	Used to lift personnel, not used for electrical work	JLG 400, JLG 400SJ	Rented	2-Occasional						
60' man lift, articulated or straight	Used to lift personnel, not used for electrical work	JLG 600S, JLG 600SJ	Rented	2-Occasional						
80-100' man lift, articulated or straight	Used to lift personnel, not used for electrical work	JLG 800S, JLG 800SJ	Rented	3-Very Rare						
Scissor Lift 33'	Used to lift personnel, not used for electrical work	JLG 3394RT	Rented	3-Very Rare						
Scissor Lift 43'	Used to lift personnel, not used for electrical work	JLG 4394RT	Rented	3-Very Rare						
Scissor Lift 26'	Used to lift personnel, not used for electrical work	JLG 260MRT	Rented	3-Very Rare						
Knuckle Boom Crane Truck, 6 wheel	Has an articulated boom, for loading and offloading material, "Claw Like" Crane to lift poles, trees or other objects.	Hiab, Palfinger	Owned	2-Occasional						
Medium Crane	Most likely differentiated by lifting capacity, usually rented or sub contracted out. Uses rubber tires for transportation and large horizontal supports to balance when lifting.		Subcontractor Only	2-Occasional						
Large Crane	Most likely differentiated by lifting capacity, usually rented or sub contracted out. Uses rubber tires for transportation and large horizontal supports to balance when lifting.		Subcontractor Only	2-Occasional						
Fork Lift	Typical Warehouse Fork Lift	Clark C25c	Owned	3-Very Rare						
Lull Fork Lift	Used to lift heavy materials on job sites or loading of materials	JCB Load All 513	Owned	1-Frequent						
Telescopic fork lift	A specialty forklift	Lull 644E-42	Rented	2-Occasional						

Equipment	Notes	Example	Source	Substation Frequency of Use	DAILY Billing Rate	WEEKLY Billing Rate	MONTHLY Billing Rate	DAILY	WEEKLY	MONTHLY
Remote Control Trench compactor	Controlled remotely from outside the trench, used to fill in the trench and compact it.	Whacker RT820	Subcontractor Only	2-Occasional						
Plate Compactor			Subcontractor Only	2-Occasional						
0-10 KW Generator (max 600V)	Portable GENERATOR, gasoline powered, price to include fuel		Owned	2-Occasional						
11-50KW Generator (max 600V) - includes temporary cabling	Trailer mounted, diesel powered, price to include fuel and 50 feet of temporary power cabling		Rented	2-Occasional						
51-125KW Generator (max 600V) - includes temporary cabling	Trailer mounted, diesel powered, price to include fuel and 50 feet of temporary power cabling		Rented	3-Very Rare						
Medium - Light Tower 6KW or below	Small towbehind light plant with generator on board, lights are raised from the trailer to give light to worksite.	Magnum 6KW	Rented	2-Occasional						
Large - Light Tower above 6KW	Large towbehind light plant with generator. Lights are raised from the trailer to give light to a worksite.	Magnum 8KW	Rented	2-Occasional						
Oxy - Acetylene Torches	Needs generator for electricity, used to weld metal together.		Subcontractor Only	2-Occasional						
MIG or TIG	Carried on tool truck or pick up (need generator for elec)		Subcontractor Only	2-Occasional						
Arc	Need generator for electricity, used to weld metal together.		Subcontractor Only	2-Occasional						
Plasma Cutter	Used for cutting steel (cutting torch)(need generator for elec)		Subcontractor Only	2-Occasional						
Arrow boards	Tow behind trailer, when deployed arrows will direct traffic to a safe route for work to continue at the worksite.		Subcontractor Only	2-Occasional						
Flashers	Used to warn pedestrians and commuters of the construction further ahead.		Subcontractor Only	2-Occasional						
Barrells	Orange construction barrells		Subcontractor Only	2-Occasional						
Cones	Orange work zone cones		Subcontractor Only	2-Occasional						
Concrete Barrier	Rectangular concrete blocks		Subcontractor Only	2-Occasional						
Frac Tank	Large capacity steel tank that can store liquids. Sizes ranging from 8,400 gallons to 21,000 gallons		Subcontractor Only	3-Very Rare						
Glycol Ground Heaters	On-board generator that requires no outside power, good for ground thawing and concrete curing. Features thermostat with lockbox. Large-capacity tanks provide 78-140 hours of run time		Subcontractor Only	3-Very Rare						

Equipment	Notes	Example	Source	Substation Frequency of Use	DAILY Billing Rate	WEEKLY Billing Rate	MONTHLY Billing Rate	DAILY	WEEKLY	MONTHLY
Vacuum Truck	A large vacuum pump and tank mounted onto a vehicle. Frequently, these vacuum pumps are mounted onto a fixed vehicle and act as a freestanding unit, although in some examples the vacuum pump is mounted onto a trailer, which is then conveyed by a separate tractor unit. The capacity of a vacuum truck is measured in barrels, or bbl, with 1 bbl equaling approximately 42 U.S. gallons.		Subcontractor Only	3-Very Rare						
Excavator - 25,000 - 39,000 lbs		Deere	Owned	2-Occasional						
Excavator - 40,000 - 59000 lbs			Subcontractor Only	2-Occasional						
Excavator - 60,000 - 99,000 lbs			Subcontractor Only	2-Occasional						
60 Ton Press	Remote Power Operated, Hydraulic Type; 8.06 Inch; 12.93 Inch; 10000 psi Operating Pressure; 60 Ton Force. 3/0 AWG STRANDED TO 2500 KCMIL (ALUMINUM, AERIAL), 1/0 AWG STRANDED TO 1000 KCMIL (COPPER, TENSION SLEEVE), 1/0 AWG STRANDED TO 2300 KCMIL (ALUMINUM, TENSION SLEEVE), 4/0 AWG STRANDED TO 2500 KCMIL (COPPER, AERIAL)		Owned	1-Frequent						
TLINE										
3/4 Ton Pickup/ 1 Ton Pickup	Carries between 4-5 Resources, tools, bags, hats	Ford F250-F350	Owned	1-Frequent						
1-2 Ton Pick Up	Dual Wheels on the rear axle referred to as a "Dually"	Ford F450-F750	Owned	1-Frequent						
Plows (Pick up trucks)	Pick up trucks with plows and sanders for roads/walkways	Ford F250-F350 (Plow and Sander)	Subcontractor Only	3-Very Rare						
Single Person Hauler	Atv, Snow Mobile	Snow Cat, Polaris	Owned	2-Occasional						
UTV (Utility Terrain Vehicle)	Has a bed for utilities and personnel. Can carry material and multiple people	Gator, Ranger	Owned	2-Occasional						
Track Personnel Vehicle	Could be amphibious, uses tracks to transport personnel	Marsh Master	Rented	3-Very Rare						
Tool Truck	Construction vehicle to hold tools required for a job	C4500	Owned	2-Occasional						
Mechanic Truck	Vehicles used for fixing other vehicles and equipment	F550	Owned	2-Occasional						
Hot Stick Trailer (<115kv)	<115KV Tools Included, looks similar to a "Pop-up camper" or box trailer with slots for each Hot Stick. (Hot stick used to touch and manipulate live wires)		Owned	2-Occasional						

Equipment	Notes	Example	Source	Substation Frequency of Use	DAILY Billing Rate	WEEKLY Billing Rate	MONTHLY Billing Rate	DAILY	WEEKLY	MONTHLY
Hot Stick Trailer (138-161kv)	138-161KV Tools Included, looks similar to a "Pop-up camper" or box trailer with slots for each Hot Stick. (Hot stick used to touch and manipulate live wires)		Owned	2-Occasional						
Hot Stick Trailer (345kv)	345KV Tools Included looks similar to a "Pop-up camper" with slots for each Hot Stick. (Hot stick used to touch and manipulate live wires)		Owned	2-Occasional						
Wire Puller Less than 10,000lbs (Single Drum)	Single wire puller, able to pull wire across distances up to 10,000 pounds, there is only one drum so only one wire will be pulled across at once.	Wagner Smith 1DPT 90	Rented	2-Occasional						
Wire Puller Four Drum 6000lbs or less	A single wire puller with 4 drums, allowing for 4 new segments of wire to be pulled across at once, with a maximum of 6000lbs	Wagner Smith 4DPT 36	Rented	2-Occasional						
Wire Puller Four Drum above 6000lbs	A single wire puller with 4 drums, allowing for 4 new segments of wire to be pulled across at once, able to pull over 6000lbs total.	Wagner Smith 4DPT 75	Rented	2-Occasional						
Wire Puller / Tensioner V Groove puller	Allows you to pull old conductor with new conductor, this varies from the other pullers, old wire is able to be pulled out while the new one is pulled in.	Wagner Smith T-VBWPT-340-72	Rented	2-Occasional						
Wire Puller- Hard line wire- single	A wire puller for a much heavier grade of wire than a standard puller.		Rented	2-Occasional						
Wire Puller- Hard line wire- 3 Drum	A wire puller with 3 drums to pull 3 wires across at the same time, but in a heavier grade of wire than the standard wire pullers.		Rented	2-Occasional						
Wire / Cable Reel Trailer - Single arbor bar	Trailer with drums to wind up cable or wire, the arbors allow the wire to be reeled in a different way and in different quantities.		Owned	2-Occasional						
Wire / Cable Reel Trailer - Dual arbor bar	Trailer with drums to wind up cable or wire, the arbors allow the wire to be reeled in a different way and in different quantities.		Owned	2-Occasional						
Wire / Cable Reel Trailer- Triple arbor bar	Trailer with drums to wind up cable or wire, the arbors allow the wire to be reeled in a different way and in different quantities.		Owned	2-Occasional						
Wire / Cable Reel Trailer- Four arbor bar	Trailer with drums to wind up cable or wire, the arbors allow the wire to be reeled in a different way and in different quantities.		Owned	2-Occasional						
Wire / Cable Reel Trailer - Self winding	A self winding cable reel used to retract cable automatically	Hogg Davis Hydra 985, Altec AD-108	Rented	2-Occasional						
Cargo Trailer (Single Axle)	Transport and store materials and tools, enclosed	Wells Cargo, Haulmark	Owned	1-Frequent						
Cargo Trailer (double axle)	Transport and store materials and tools, enclosed	Wells Cargo, Haulmark	Owned	1-Frequent						
Office / Job Trailer 20'	Portable Office Trailer for job sites	William Scotsman	Rented	1-Frequent						
Office / Job Trailer 40'	Portable Office Trailer for job sites	William Scotsman	Rented	1-Frequent						
Conex Box 20'	Storage, box crates from ships, trailers etc.	Averdi	Rented	1-Frequent						
Conex Box 40'	Large Storage, box crates from ships, trailers etc.	Averdi	Rented	1-Frequent						

Equipment	Notes	Example	Source	Substation Frequency of Use	DAILY Billing Rate	WEEKLY Billing Rate	MONTHLY Billing Rate	DAILY	WEEKLY	MONTHLY
Wire Tensioner - 48" or less bull wheels	Both Powered or Hydraulic, powered requires the engine to be running wile Hydraulic can be powered from other sources, such as an electric motor. Bull wheels are large circles that use a pulley system to tighten the wires. Arbor tensioners define the amount the wire is able to be tensioned by using pins in the drum to reel.	T-BWT-4-38RC	Rented	2-Occasional						
Wire Tensioner - 48" or less one arbor	Both Powered or Hydraulic, powered requires the engine to be running wile Hydraulic can be powered from other sources, such as an electric motor. Bull wheels are large circles that use a pulley system to tighten the wires. Arbor tensioners define the amount the wire is able to be tensioned by using pins in the drum to reel.		Rented	2-Occasional						
Wire Tensioner - 48" or less three arbor	Both Powered or Hydraulic, powered requires the engine to be running wile Hydraulic can be powered from other sources, such as an electric motor. Bull wheels are large circles that use a pulley system to tighten the wires. Arbor tensioners define the amount the wire is able to be tensioned by using pins in the drum to reel.		Rented	2-Occasional						
Wire Tensioner - Greater than 48" bull wheels	Both Powered or Hydraulic, powered requires the engine to be running wile Hydraulic can be powered from other sources, such as an electric motor. Bull wheels are large circles that use a pulley system to tighten the wires. Arbor tensioners define the amount the wire is able to be tensioned by using pins in the drum to reel.	T-BWT-5-52RC	Rented	2-Occasional						
Wire Tensioner -Greater than 48" one arbor	Both Powered or Hydraulic, powered requires the engine to be running wile Hydraulic can be powered from other sources, such as an electric motor. Bull wheels are large circles that use a pulley system to tighten the wires. Arbor tensioners define the amount the wire is able to be tensioned by using pins in the drum to reel.		Rented	2-Occasional						

Equipment	Notes	Example	Source	Substation Frequency of Use	DAILY Billing Rate	WEEKLY Billing Rate	MONTHLY Billing Rate	DAILY	WEEKLY	MONTHLY
Wire Tensioner -Greater than 48" three arbor	Both Powered or Hydraulic, powered requires the engine to be running wile Hydraulic can be powered from other sources, such as an electric motor. Bull wheels are large circles that use a pulley system to tighten the wires. Arbor tensioners define the amount the wire is able to be tensioned by using pins in the drum to reel.		Rented	2-Occasional						
2 Axel Trailer	A flatbed trailer able to transport heavy equipment, the axles determine the weight that is able to be carried onboard and the overall length of the trailer. Will be a 5th wheel trailer	Load king	Owned	1-Frequent						
Stake Body	1-2 ton capacity, flatbed pickup truck with removable fencing around the edges.	F450	Owned	1-Frequent						
Small Dump Truck, single axle duel wheel	3-4 ton capacity single axle, could be a dump body mounted to a F550, often used in landscaping.	F550	Owned	1-Frequent						
Medium Dump Truck, 6 wheel	10 ton Capacity dual axle, street dump truck	International FL70	Owned	1-Frequent						
Large Dump Truck, 10,wheel, includes tri axle	18-22 ton Capacity, dual tires, dual axle, could have additional optional tires for heavy load support.	Freightliner, Mack	Rented	2-Occasional						
Tractor and Low Boy (Tractor Trailer including Low Boy)	Tractor trailer used as one unit, low boy trailer would never be used w/o the tractor. Low boy trailer seperates from the rig leaving room for the onboard vehicle to drive off the front without having to drive over the rear wheels. Often used for bulldozers and excavators(Tracked vehicles)	Fountaine, Kaufnam	Owned	2-Occasional						
Mat Rig	Steel and wood construction frames placed on dirt for vehicles to travel over without becoming stuck in the ground underneath it. 20-40' Lengths, to be placed by a forklift	Barko	Subcontractor Only	3-Very Rare						
Semi - Diesel Tractor - Over the road	Standard "Big Rig"		Owned	2-Occasional						
Semi - Diesel Tractor w/crane	Large Over The Road tractor with a crane mounted on the bed instead of a hitch to tow.		Rented	2-Occasional						
55' Bucket Truck Material Handler	Used to lift personel, and handle materials, could have an additional grapple to hold equipment when doing work off the ground.		Owned	1-Frequent						
65-70' Bucket Truck Material Handler	Used to lift personel, and handle materials, could have an additional grapple to hold equipment when doing work off the ground.		Owned	1-Frequent						
80-125' Bucket Truck Material Handler, rubber tire, 4WD			Owned	1-Frequent						
80-125' Bucket Truck Material Handler, rubber tire, 4WD, Bare Hand Certified			Owned	3-Very Rare						
80-125' Bucket Truck Material Handler, rubber tire, Tracked			Owned	1-Frequent						

Equipment	Notes	Example	Source	Substation Frequency of Use	DAILY Billing Rate	WEEKLY Billing Rate	MONTHLY Billing Rate	DAILY	WEEKLY	MONTHLY
80-125' Bucket Truck Material Handler, rubber tire, Tracked, Bare Hand Certified			Rented	3-Very Rare						
Knuckle Boom Crane Truck, 10 wheel	Has an articulated boom, for loading and offloading material, "Claw Like" Crane to lift poles, trees or other objects.	Hiab, Palfinger	Owned	2-Occasional						
Medium Crane	Most likely differentiated by lifting capacity, usually rented or sub contracted out. Uses rubber tires for transportation and large horizontal supports to balance when lifting.		Subcontractor Only	2-Occasional						
Large Crane	Most likely differentiated by lifting capacity, usually rented or sub contracted out. Uses rubber tires for transportation and large horizontal supports to balance when lifting.		Subcontractor Only	2-Occasional						
Large Fork Lift	Used to lift heavy materials on job sites or loading of materials	JCB Load All 513	Rented	1-Frequent						
Telescopic fork lift	A specialty forklift	Lull 644E-42	Rented	1-Frequent						
Digger Derrick 60' 4X4 / Track	Digger Derrick truck with auger, 4x4 or Track equipment for offloading heavier duty.		Owned	2-Occasional						
Digger Derrick 80' 4X4 / Track	Digger Derrick truck with auger, 4x4 or Track equipment for offloading heavier duty.		Owned	2-Occasional						
Small Straight track / Small High Track	21,000 lbs or less, has a straight track or high track to climb over rough terrains.	CAT D3, CAT D5, Case 450, Case 650	Owned	2-Occasional						
Mid Size Low Ground Pressure (LGP)	22,000 lbs to 30,000 lbs, has wider and longer tracks to disperse ground pressure more evenly making it more ideal for softer ground.	Komatsu D51, CAT D6, Case 1150	Rented	2-Occasional						
Medium Excavator	18,000 to 36,000 lbs (Tracked unless specified)	Komatsu PC 150	Rented	2-Occasional						
Large Excavator	Over 36,000 lbs (Tracked unless specified)	Kubota KX080, CAT 311, Komatsu PC 200	Rented	3-Very Rare						
Backhoe	Rubber Tired backhoe with rear excavator and front loading bucket	Case 580, JD 310	Rented	1-Frequent						
Buster/Ho Ram with Excavator 500 lbs Ram size	500 lbs Ram size determines the excavator size	NPK GH2, NPK GH1	Rented	2-Occasional						
Skid Steer Wheeled	Rubber Tired skid with bucket	Bobcat 773, Case 1840	Owned	1-Frequent						
Skid Steer Tracked	Rubber or steel tracked with bucket	Bobcat T773	Owned	1-Frequent						
Wheeled Loader <2 Cubic Yards	Rubber Tired, with front mounted bucket	CAT 908	Rented	2-Occasional						
Wheeled Loader 2 to 4 Cubic Yards	Rubber Tired, with front mounted bucket	CAT 930	Rented	2-Occasional						
Wheeled Loader > 4 Cubic Yards	Rubber Tired, with front mounted bucket	CAT 940	Rented	2-Occasional						
Cut Off Saw	Hand held, looks like chain saw with blade	Stihl 400	Owned	2-Occasional						
3-5 ton vibratory roller	Medium Paving application, used to vibrate material to a more compact position.	Bomag AD 120	Rented	3-Very Rare						
Hay / Straw Blower	Blows 7 ton per hour	Grun SB7	Rented	2-Occasional						
Power Washer	Pressurized water spayer	John Deere 3300 32 CPM	Owned	2-Occasional						
Concrete Vibrator up to 2 HP Electric	Vibrates air out on concrete pours	Whacker M1000	Owned	2-Occasional						
Up to 200 CFM 185 Standard Pressure	Air Compressor	Ingersoll Rand 185	Rented	2-Occasional						
201 - 400 CFM Standard Pressure	Air Compressor	Ingersoll Rand 400	Rented	2-Occasional						

Equipment	Notes	Example	Source	Substation Frequency of Use	DAILY Billing Rate	WEEKLY Billing Rate	MONTHLY Billing Rate	DAILY	WEEKLY	MONTHLY
0-10 KW (max 600V)	Portable, gasoline powered, price to include fuel		Rented	2-Occasional	\$329.80					
Medium - Light Tower 6KW or below	Small towbehind light plant with generator on board, lights are raised from the trailer to give light to worksite.	Magnum 6KW	Rented	2-Occasional	\$132.80					
Large - Light Tower above 6KW	Large towbehind light plant with generator. Lights are raised from the trailer to give light to a worksite.	Magnum 8KW	Rented	2-Occasional	\$132.80					

CONTRACTOR NAME: REFERENCE CLASS:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Journeyman Lineman	General Foreman	Foreman	Working Foreman	Technician	Welder	Cable Splicer	Apprentice, 7th Step/Period	Apprentice, 6th Step/Period	Apprentice, 5th Step/Period	Apprentice, 4th Step/Period	Apprentice, 3rd Step/Period	Apprentice, 2nd Step/Period	Apprentice, 1st Step/Period	Groundman Digging Machine Operator	Chief Equipment Mechanic	Equip. Mechanic First Class	Equip. Mechanic Helper	Groundman Truck Driver (TY) w/CDL A	Groundman Truck Driver w/CDL B	Groundman	Flagman									

STRAIGHT TIME

Base Hourly Wage (BHW) (W-2 Salary)

Applicable to All Wages

- FICA (Social Security + Medicare)
- FUTA (Fed. Unemployment Tax)
- SDCA (State Unemployment Tax)
- Workers Compensation + Disability Insurance
- Union Costs (if of Gross Wages Table)
- Other A (Specify)
- Other B (Specify)
- Total

Applicable to Base Wages Only (W or Per Hour Worked (B))

- Union Costs (if per Hour Table)
- Time Deductions and Other Time Off
- Contractor Provided Education & Training
- Contractor Provided Background Checks & Drug Testing
- Small Tools & Equipment at \$1,500 Value or Less
- LEAD Only (addition to 1.5 Times Gross Wages)
- LEADII Insurance
- Health + Dental + General Management & Supervision
- Other C (Specify)
- Other D (Specify)
- Total

Straight Time Billing Rate

Straight Time Hourly Billing Rate

OVERTIME (x1.5)

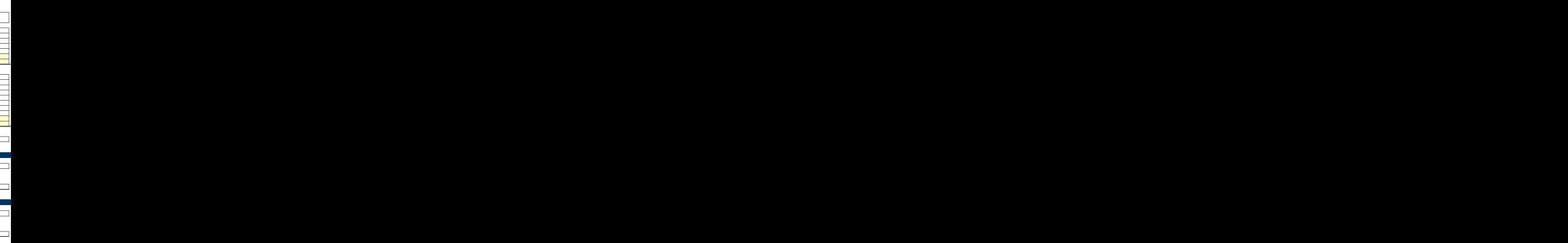
Overtime Wage Rate Adder

Overtime Billing Rate

PREMIUM TIME (x2.0)

Premium Time Wage Rate Adder

Premium Time Billing Rate



CONTRACTOR NAME:

NY-BEW-41

Job Classification-->

REFERENCE CLASS

JOURNEYMAN WIREMAN

1 SUB-FOREMAN

2 FOREMAN

3 GENERAL FOREMAN

4 1ST APPRENTICE

5 2ND APPRENTICE

6 3RD APPRENTICE

7 4TH APPRENTICE

8 5TH APPRENTICE

9 6TH APPRENTICE

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STRAIGHT TIME

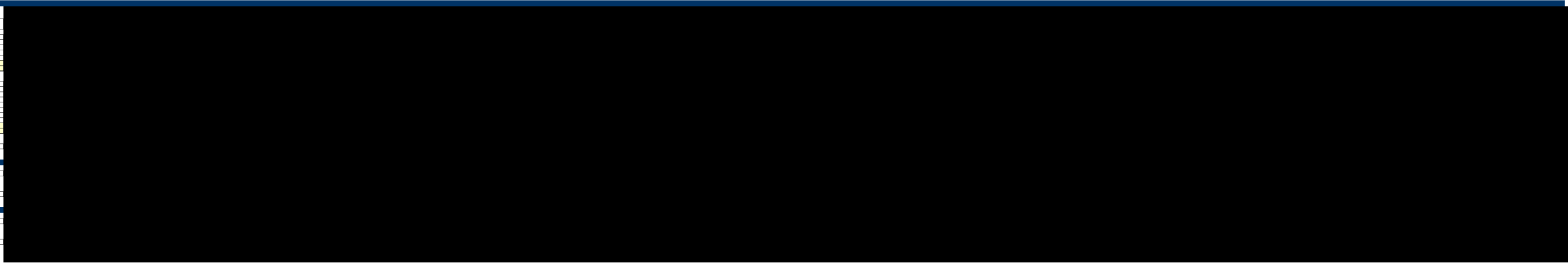
Base Hourly Wage (HM) (W-2 Entry)	
Applicable to All Wages	FLICA (Social Security + Medicare) FLICA (Fed. Unemployment Tax) FLICA (State Unemployment Tax) Workers Compensation + Disability Insurance Other Costs (% of Gross Wages Total) Other A (Specify) Other B (Specify) Total
Applicable to Base Wages Only (%) or Per Hour Worked (B)	Union Costs (\$ per Hour Total) Time Inflation and Other Time Off Contractor Provided Education & Training Contractor Provided Background Checks & Drug Testing Bond Tools & Equipment at \$1,500 Value or Less Lunch Only (deducted up to 1.5 Times Gross Wages) Lunch Insurance Profit - Overhead, General Management & Supervision Other C (Specify) Other D (Specify) Total
Staight Time Billing Rate	Staight Time Hourly Billing Rate

OVERTIME (x1.5)

Overtime Wage Rate Adder	Overtime Hourly Wage Adder
Overtime Billing Rate	Overtime Hourly Billing Rate

PREMIUM TIME (x2.0)

Premium Time Wage Rate Adder	Premium Time Hourly Wage Adder
Premium Time Billing Rate	Premium Time Hourly Billing Rate



CONTRACTOR NAME:

NY-BEW-43

Job Classification-->

REFERENCE CLASS

JOURNEYMAN WIREMAN

1 SUB-FOREMAN

2 FOREMAN

3 GENERAL FOREMAN

4 LEAD GENERAL FOREMAN

5 1ST APPRENTICE

6 2ND APPRENTICE

7 3RD APPRENTICE

8 4TH APPRENTICE

9 5TH APPRENTICE

10 6TH APPRENTICE

11

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STRAIGHT TIME

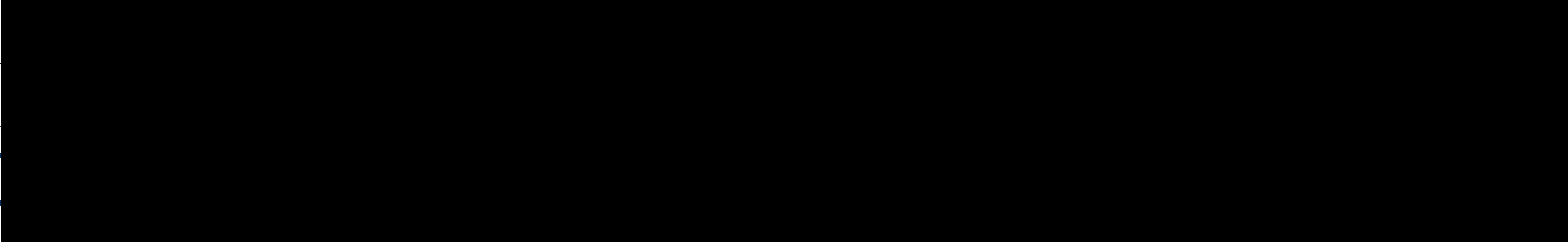
Base Hourly Wage (HM) (M-2 Salary)	
Applicable to All Wages	FLICA (Social Security + Medicare)
	FUTA (Fed. Unemployment Tax)
	SDCA (State Unemployment Tax)
	Workers Compensation + Disability Insurance
	Union Costs (% of Gross Wages Total)
	Other A (Specify)
	Other B (Specify)
	Total
Applicable to Base Wages Only (%) or Per Hour Worked (B)	Union Costs (B per Hour Total)
	Time Inflation and Other Time Off
	Contractor Provided Education & Training
	Contractor Provided Background Checks & Drug Testing
	Small Tools & Equipment at 25,000 Value or less
	LEAD Only Inflation to 1.5 Times Gross Wages
	LEAD Inflation
	Profit - Overhead, General Management & Supervision
	Other C (Specify)
	Other D (Specify)
	Total
Staight Time Billing Rate	Staight Time Hourly Billing Rate

OVERTIME (x1.5)

Overtime Wage Rate Adder	Overtime Hourly Wage Adder
	Contractor Costs Applicable to Overtime Wage Adder
Overtime Billing Rate	Overtime Hourly Billing Rate

PREMIUM TIME (x2.0)

Premium Time Wage Rate Adder	Premium Time Hourly Wage Adder
	Contractor Costs Applicable to Premium Wage Adder
Premium Time Billing Rate	Premium Time Hourly Billing Rate



CONTRACTOR NAME: REFERENCE CLASS:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
JOURNEYMAN WIREMAN	SUB-FOREMAN	SMALL PROJECTS SUB-FOREMAN	FOREMAN	GENERAL FOREMAN																									

STRAIGHT TIME

NY-IBEW 106 Job Classification-->

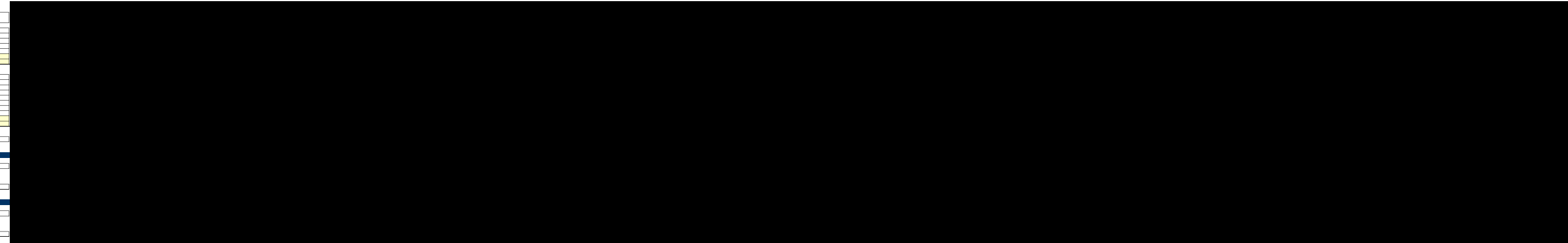
Base Hourly Wage (HM) (Hx2 Salary)	
Available to All Wages	<ul style="list-style-type: none">FICA (Social Security + Medicare)FUTA (Fed. Unemployment Tax)SUTA (State Unemployment Tax)Workers Compensation + Disability InsuranceUnion Costs (% of Gross Wages Total)Other A (Specify)Other B (Specify)
Available to Base Wages Only (%) or Per Hour Worked (B)	<ul style="list-style-type: none">Union Costs (B per Hour Total)Time Deductions (Time Off)Contractor Provided Education & TrainingContractor Provided Background Checks & Drug TestingSmall Tools & Equipment at \$1,500 Value or lessLEAD Only (addition to 1.5 Times Gross Weekly)LEADII InsuranceProfit - Overhead, General Management & SupervisionOther C (Specify)Other D (Specify)
Staight Time Billing Rate	Staight Time Hourly Billing Rate

OVERTIME (x1.5)

Overtime Wage Rate Adder	Overtime Hourly Wage Adder
Overtime Billing Rate	Overtime Hourly Billing Rate

PREMIUM TIME (x2.0)

Premium Time Wage Rate Adder	Premium Time Hourly Wage Adder
Premium Time Billing Rate	Premium Time Hourly Billing Rate



CONTRACTOR NAME:

REFERENCE CLASS

JOURNEYMAN /
TECHNICIAN

1
FOREMAN (1-2
WORKERS)

2
FOREMAN (3-7
WORKERS)

3
FOREMAN (8-10
WORKERS)

4
SECOND FOREMAN

5
GENERAL FOREMAN

6
LEAD GENERAL
FOREMAN

7
APP 1

8
APP 2

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APP 3

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APP 4

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APP 5

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APP 6

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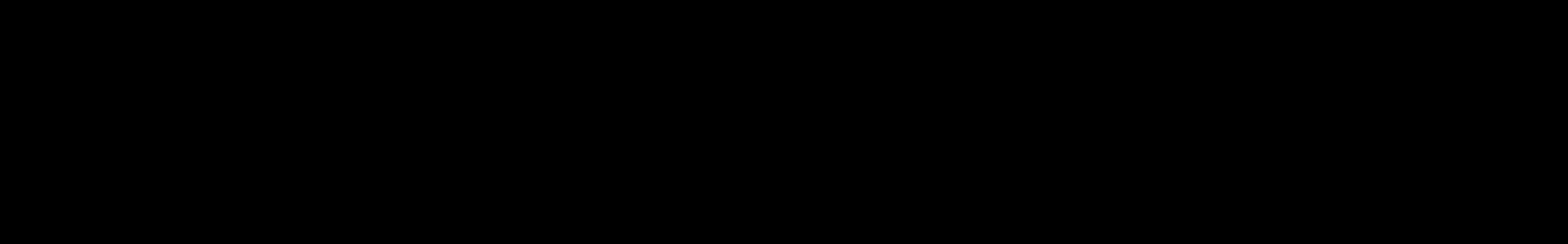
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STRAIGHT TIME

Base Hourly Wage (HM) (H-2 Salary)	
Available to All Wages	FICA (Social Security + Medicare) FUTA (Fed. Unemployment Tax) SUTA (State Unemployment Tax) Workers Compensation + Disability Insurance Union Costs (% of Gross Wages Total) Other A (Specify) Other B (Specify) Total
Applicable to Base Wages Only (%) or Per Hour Worked (B)	Union Costs (\$ per Hour Total) Time Inflation and Other Time Off Contractor Provided Education & Training Contractor Provided Background Checks & Drug Testing Small Tools & Equipment at \$1,500 Value or Less Lunch Only (deduction to 1.5 Times Gross Wages) Lunch Insurance Profit - Overhead, General Management & Supervision Other C (Specify) Other D (Specify) Total
Staight Time Billing Rate	Staight Time Hourly Billing Rate
OVERTIME (x1.5)	
Overtime Wage Rate Adder	Overtime Hourly Wage Adder Contractor Costs Applicable to Overtime Wage Adder
Overtime Billing Rate	Overtime Hourly Billing Rate
PREMIUM TIME (x2.0)	
Premium Time Wage Rate Adder	Premium Time Hourly Wage Adder Contractor Costs Applicable to Premium Wage Adder
Premium Time Billing Rate	Premium Time Hourly Billing Rate



CONTRACTOR NAME: ENTER NAME ON INSTRUCTIONS PAGE!

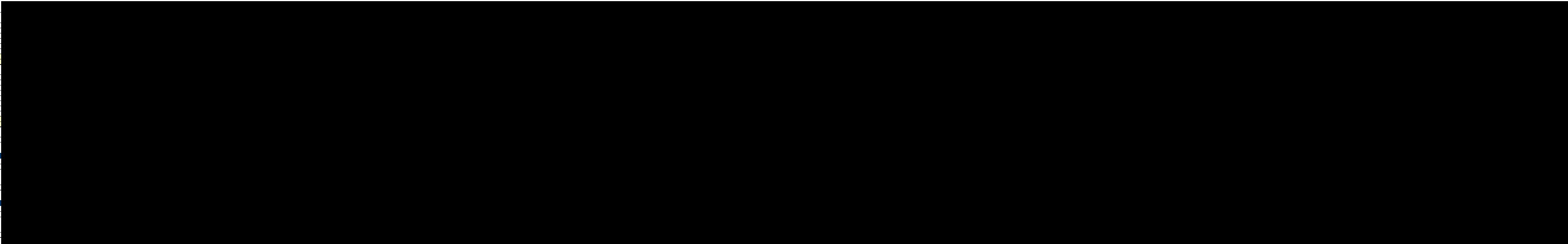
REFERENCE CLASS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
JOURNEYMAN WIREMAN	SUB-FOREMAN	FOREMAN	GENERAL FOREMAN	CABLE SPICER	APP 1	APP 2	APP 3	APP 4	APP 5	APP 6																			

NY-IBEW 237 Job Classification-->

STRAIGHT TIME

Base Hourly Wage (HM) (H-2 Salary)
Available to All Wages
FICA (Social Security + Medicare)
FUTA (Fed. Unemployment Tax)
SDCA (State Unemployment Tax)
Workers Compensation + Disability Insurance
Union Costs (% of Gross Wages Total)
Other A (Specify)
Other B (Specify)
Total
Applicable to Base Wages Only (%) or Per Hour Worked (B)
Union Costs (B per Hour Total)
Time Deductions and Other Time Off
Contractor Provided Education & Training
Contractor Provided Background Checks & Drug Testing
Small Tools & Equipment at \$1,500 Value or less
LEAD Only (addition to 1.5 Times Gross Wages)
LEADII Insurance
Profit - Overhead, General Management & Supervision
Other C (Specify)
Other D (Specify)
Total
Staight Time Billing Rate
Staight Time Hourly Billing Rate
OVERTIME (x1.5)
Overtime Wage Rate Adder
Overtime Hourly Wage Adder
Contractor Costs Applicable to Overtime Wage Adder
Overtime Billing Rate
Overtime Hourly Billing Rate
PREMIUM TIME (x2.0)
Premium Time Wage Rate Adder
Premium Time Hourly Wage Adder
Contractor Costs Applicable to Premium Wage Adder
Premium Time Billing Rate
Premium Time Hourly Billing Rate



CONTRACTOR NAME: ENTER NAME ON INSTRUCTIONS PAGE!

NY-IBEW 910

Job Classification-->

REFERENCE CLASS

JOURNEYMAN WIREMAN

1

JOURNEYMAN
TECHNICIAN

2

FOREMAN

3

GENERAL FOREMAN

4

APP 1

5

APP 2

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APP 3

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APP 4

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APP 5

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APP 6

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STRAIGHT TIME

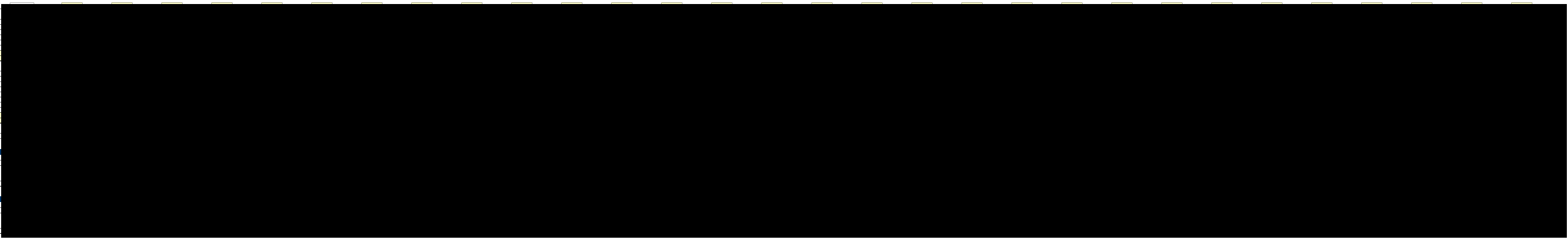
Base Hourly Wage (BHW) (W-2 Salary)	
Available to All Wages	FICA (Social Security + Medicare)
	FUTA (Fed. Unemployment Tax)
	SDCA (State Unemployment Tax)
	Workers Compensation + Disability Insurance
	Union Costs (% of Gross Wages Total)
	Other A (Specify)
	Other B (Specify)
	Total
Applicable to Base Wages Only (%) or Per Hour Worked (B)	Union Costs (\$ per Hour Total)
	Time Deductions and Other Time Off
	Contractor Provided Education & Training
	Contractor Provided Background Checks & Drug Testing
	Small Tools & Equipment at \$1,500 Value or Less
	LATE Duty Incentive up to 1.5 Times Gross Weekly
	Labor Insurance
	Profit - Overhead, General Management & Supervision
	Other C (Specify)
	Other D (Specify)
	Total
Staight Time Billing Rate	Staight Time Hourly Billing Rate

OVERTIME (x1.5)

Overtime Wage Rate Adder	Overtime Hourly Wage Adder
Contractor Costs Applicable to Overtime Wage Adder	
Overtime Billing Rate	Overtime Hourly Billing Rate

PREMIUM TIME (x2.0)

Premium Time Wage Rate Adder	Premium Time Hourly Wage Adder
Contractor Costs Applicable to Premium Wage Adder	
Premium Time Billing Rate	Premium Time Hourly Billing Rate



CONTRACTOR NAME: ENTER NAME ON INSTRUCTIONS PAGE!

NY-NonUnion

Job Classification-->

REFERENCE CLASS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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STRAIGHT TIME

Base Hourly Wage (HM) (M-2 Salary)
Available to All Wages
FICA (Social Security + Medicare)
FUTA (Fed. Unemployment Tax)
SUTA (State Unemployment Tax)
Worker's Compensation + Disability Insurance
Worker Pension & Benefits (i.e. of Gross Wages Tax)
Other A (Specify)
Other B (Specify)
Total
Applicable to Base Wages Only (%) or Per Hour Worked (B)
Worker Pension & Benefits (i.e. per Hour Worked)
Food, Lodging and Other (M-2 Salary)
Contractor Provided Education & Training
Contractor Provided Background Checks & Drug Testing
Small Tools & Equipment at \$1,500 Value or Less
LEAD Duty Violation up to 1.5 Times Gross Weekly
LEAD Duty Insurance
Profit - Overhead, General Management & Supervision
Other C (Specify)
Other D (Specify)
Total
Staight Time Billing Rate
Staight Time Hourly Billing Rate

OVERTIME (x1.5)

Overtime Hourly Wage Adder
Overtime Wage Rate Adder
Contractor Costs Applicable to Overtime Wage Adder
Overtime Billing Rate
Overtime Hourly Billing Rate

PREMIUM TIME (x2.0)

Premium Time Hourly Wage Adder
Premium Time Wage Rate Adder
Contractor Costs Applicable to Premium Wage Adder
Premium Time Billing Rate
Premium Time Hourly Billing Rate

