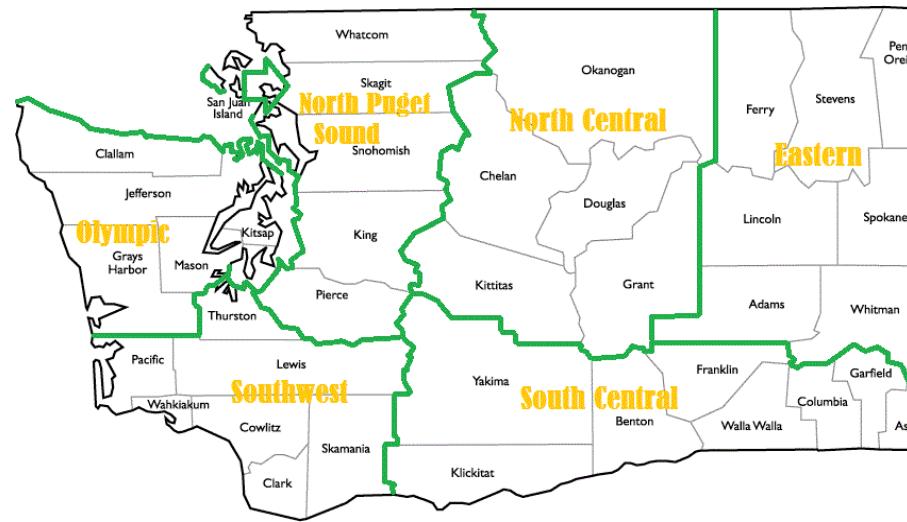


EXHIBIT A
INCLUDED GOODS/SERVICES
IT CABLING – CATEGORY 1 – IT CABLING & INSTALLATION



Contractor will provide contract services in the following regions and subcategories:

Region	Sub Category
North Puget Sound	Inside
Olympic	Inside
Southwest	Inside
South Central	Inside
Eastern	Inside
North Central	Inside

Solicitation NO.: 05620- IT Cabling Category 1- Services and Installation				BIDDER:	PowerCom, Inc.	
Exhibit B1 - Category 1 Performance Requirements (Revised 7.30.21)						
Scope:	<p>Information technology (IT) cabling goods and services for new and previously installed Local Area Networks (LANs) and Wide Area Networks (WANs) and other voice, data, or video systems.</p> <p>For purposes of this Competitive Solicitation, IT cabling is defined as including outside aerial and underground cables and inside riser, distribution, and station cabling. Copper twisted pair, coaxial cable and fiber-optic cables and other types of low-voltage signaling cables installed within buildings or cam environments also are included in the scope of this Competitive Solicitation.</p> <p>This category includes Inside and Outside work, and all parts and materials required to complete the service and installation. Inside work involves IT cabling installation in new buildings, major renovated buildings and additions to existing cabling networks. Outside work will be for inter-building connectivity. Outside work may include digging and trenching as well as installing cabling.</p>					
Instructions:						
1. Review Requirements.						
2. Review Priority and the provided definitions:	<ul style="list-style-type: none"> • "MANDATORY": Bidder response must comply with the requirement and the Bidder's response will be evaluated on a "Pass/Fail" basis. Selecting "Fully Meets" for mandatory requirements will be considered "Pass". All other responses will be considered "Fail". • "MANDATORIALLY SCORED": Bidder response will be evaluated and assigned a score based on how well Bidder's response meets the requirement. Maximum points possible is 10 points for each requirement. Not meeting any of the requirements will be evaluated as a "Fail". • "HIGHLY DESIRABLE": Bidder response will be evaluated and assigned a score based on how well Bidder's response meets the requirement. Maximum points possible is 5 points for each requirement. Highly Desirable Requirements support necessary purchaser operations and the Bidder response is less effective if such requirements are not met. 					
3. How Bidder Meets Requirements:	<ul style="list-style-type: none"> Select and indicate using the pulldown button if bidder Fully Meets, or Does Not Meet a requirement in How Bidder Meets Requirement column. 					
4. Written Response:	<ul style="list-style-type: none"> Bidder must respond in the Written Response column for every requirement that indicates a "Written Response Required". Bidders are asked to explain how they meet the requirement, and may also express specific exceptions and list any alternative certificates, licenses or qualifications for requirements not specifically met. Evaluators will consider the totality of Bidders' experience or alternative qualifications in scoring Bidder responses. All requested certifications/documentation required for Exhibit B must be titled: "ExhibitB1/filename.filetype", for example, Exhibit B1.certification.pdf" 					
5. Attachments:	<ul style="list-style-type: none"> Only attachments that are requested/required in the Written response column, will be considered in evaluation. NO attached or additional information outside of those required attachments will be evaluated. All written response answers MUST be included inside this document to be considered for evaluation. 					
6. Outside Work:	<ul style="list-style-type: none"> If Bidder is submitting proposal for Inside Work AND Outside Work, they must complete all sections marked with * for Outside work. Bidders who only wish to submit a bid for Inside Work do NOT need to complete sections marked with *. 					
Limited responses may receive lower scoring than those that demonstrate understanding and mastery of the subject matter.						
Outside Work	Req ID	Category	Functional Requirements	Priority	How Bidder Meets Requirement	Written Response
	1.0	Gen.	GENERAL BIDDER REQUIREMENTS: The Bidder must furnish all necessary labor, supervision, tools, materials, and testing required to complete the project as specified in each Purchase Order or Statement of Work (SOW) entered into with a Purchaser under the Master Contract.	MANDATORY	Fully Meets	
	2.0	Stds. Comp.	STANDARDS COMPLIANCE: All work and materials covered by this Solicitation and resulting Master Contract(s) shall be performed in compliance with Chapter 19.28.410 Revised Code of Washington, Chapter 296-468-010 Washington Administrative Code, and the most current versions of the following mandatory standards: <ul style="list-style-type: none"> • NFPA-70 National Electrical Code • ANSI\TIA\EIA 568 series, Commercial Building Telecommunications Cabling Standard • ANSI\TIA\EIA 569-E , Commercial Building Standard for Telecommunications Pathways and Spaces, <ul style="list-style-type: none"> ◦ E: Pathways, Work area outlets, Patch panels, Racks and cabinets, Ports, Grounding, busbars, Cabling, Firestop locations, Telecommunications space, Data center room grid • ANSI\TIA\EIA 606-C Commercial Building Telecommunication standard for Labeling • ANSI-J-STD-607-C, Commercial Building Grounding (Earthing) and Bonding Requirements for Telecommunications • ANSI\TIA\TIA 862-B Structured Cabling Infrastructure Standard for Intelligent building Systems (Building Automation standard) • ANSI\TIA\TIA 942-B Telecommunications standard for Data centers • OSHA/WISHA Construction and safety standards <p>Any additional codes/standards required under a Purchaser's Purchase Order/SOW or by state or federal regulation. Bidder will be held responsible for compliance with the most recent versions of the specified codes/standards/regulations and any revisions or updates. Should conflicts arise with the foregoing, the Department of Enterprise Services will have responsibility for making final interpretation.</p>	MANDATORY	Fully Meets	
	3.0	Cert.	CERTIFICATION: COMPANY CERTIFICATIONS. Bidder must maintain certification from the Manufacturer(s) that provides structured cabling system twenty-five (25) year or more warranties as identified in Bidder's response to this RFQ.	MANDATORY SCORED	Fully Meets	PowerCom is certified to install and provide a 25 year warranty for the manufacturers listed: Commscope/IBW/Unprise/Systimax, Ortronics/Certified Installer Plus/nCompass, Leviton/Prem Network Installer
	3.1	Cert.	<i>Written Response Required. List the Manufacturer(s) Certifications you maintain that meet this requirement.</i>			

	3.2	Cert.	COMPANY CERTIFICATIONS. The Bidder response must provide documentation that the company is certified by at least one (1) manufacturer that provides structured cabling-system 20-year-or-more warranties in Washington state. For example: • Commscope (Systimax) Ortronics, Inc. (Certified Installer-Plus Program); • AMP (Netconnect Design and Installation Program); • Leviton (Certified Cabling System); • Belden (IBDN). These manufacturers are examples only – the list is not all-inclusive. <i>Written Response Required. Bidder must identify the certified warranty manufacturer and provide a photocopy of said certification(s). If Bidder has more than one manufacturer certification, please submit any additional certifications.</i>	MANDATORY SCORED	Fully Meets	Commscope/IBW/Uniprise/Systimax, Ortronics/Certified Installer Plus/nCompass, Leviton/Prem Network Installer Exhibit B1- 3.2 Cert
	3.3	Cert.	COMPANY CERTIFICATIONS. Bidder must have employed staff or subcontractors that meet the certification criteria for installation for each Manufacturer upon which award of this Master Contract is predicated.	MANDATORY	Fully Meets	
	3.4	Cert.	COMPANY CERTIFICATIONS. Bidder installation personnel that work onsite must have International, or Manufacturer certification in accordance with industry standards and best practice methodologies and must be proficient with the installation and termination of all equipment that is to be installed onsite. Upon request Bidder will furnish a copy of such certification to Purchaser or DES.	MANDATORY	Fully Meets	
	3.5	Cert.	EMPLOYEE CERTIFICATION/TRAINING. Any person working on the installation or maintenance of purchaser-owned equipment must be manufacturer certified by the equipment manufacturer, to maintain a manufacturer warranted solution. Manufacturer Certification is defined as attendance and successful completion of certification-requirement training within a manufacturer's program. Any person working on the installation or maintenance of purchaser-owned equipment that does NOT have a new or existing manufacturer warranty, must be international professional telecommunications society certified [ex. Bicsi (Building Industry Consulting Services International), TIA (Telecommunications Industry Association), ETA International, FOA (The Fiber Optic Association)]. Certificates for all persons working on the installation or maintenance of purchaser-owned equipment must be submitted to Purchaser with a quote or Statement of Work (SOW) BEFORE starting any work. <i>Written Response Required.</i>	MANDATORY SCORED	Fully Meets	Commscope/IBW/Uniprise/Systimax, Ortronics/Certified Installer Plus/nCompass, Leviton/Prem Network Installer Exhibit B1- 3.2 Cert
	3.6	Cert.	FIBER OPTIC CERTIFICATION. Please describe any certification/training by the Fiber Optic Association (FOA) or any qualified industry training certification organization(s) specifically for fiber-optic or premises cabling. <i>Written Response Required. Attach copies of any Fiber Optic or premises certifications.</i>	HIGHLY DESIRABLE	Fully Meets	See Exhibit B1- 3.6 Cert
4.0	Lic & Staff	LICENSING AND STAFFING:				
	4.1	Lic & Staff	PROJECT MANAGER: Bidder must assign a project manager for each Purchaser project. Purchaser must have approval rights over the project manager, or any replacements thereof. The project manager must be the principal point of contact for Purchaser and must coordinate Bidder's activities. The project manager must produce and maintain a complete plan for all Bidder-related activities concerning the Purchaser's order document/statement of work. <i>Written Response Required. Provide the name(s) and a brief description of experience for key personnel who might perform the job of Bidder Project Manager.</i>	MANDATORY SCORED	Fully Meets	Bothell Project Management Team: Rodney Firth, Sr. Project Manager, 38 years in industry Kirt C RCDD, Sr Project Manager, 32 years in industry CJ Santeford, Project Manager, 22 years in industry Scott L Project Manager, 32 years in industry Spokane Project Management Team: Pete Job, RCDD, Operations Manager, Spokane, 32 years in industry Daryl An RCDD, Project Manager, 21 years in industry
	4.2	Lic & Staff	ELECTRICIANS. Bidder must have employed staff or subcontractors that meet the Licensed Electricians licensing requirements of chapter 19.28 RCW.	MANDATORY	Fully Meets	
	4.3	Lic & Staff	ELECTRICIANS. Bidder must have at least one (1) employed staff or subcontractor that holds certificates of competency as at least a Journey Level Electrician per requirements of RCW 19.28.161. <i>Written Response Required. Provide the name(s) of any such person(s) and photocopy(s) of certificate(s).</i>	MANDATORY SCORED	Fully Meets	See Exhibit B1- 4.3 Lic & Staff, Also, Valley Elecctric, UBI 600 560 647 and Power city Electric UBI 601 766 181for EL 01 services
	4.4	Lic & Staff	REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNERS. Bidder must maintain one or more full-time Registered Communications Distribution Designers (RCDD) on staff. A subcontractor cannot fulfill this requirement. <i>Written Response Required. List Name of RCDD, status (part-time, or full-time) and years of experience. Describe a job where an RCDD provided a design for your business in Exhibit D1 Work History by Region. Attach photocopies of all certificates for RCDD(s).</i>	HIGHLY DESIRABLE	Fully Meets	Peter Job, Daryl Ando, Kirt Griffis Exhibit B1- 4.4 Lic & Staff
	4.5	Lic & Staff	TELECOMMUNICATIONS ADMINISTRATORS. Bidder must employ at least one (1) individual who possesses a Telecommunications Administrator certificate that meets the requirements of RCW 19.28.430. <i>Written Response Required. Provide the name of such person(s) and photocopy(s) of certificate(s).</i>	HIGHLY DESIRABLE	Fully Meets	Daryl Ando See Exhibit B1- 4.5 Lic & Staff
*	5.0	Ungd & Aerial (OUT)	UNDERGROUND AND AERIAL EXPERTISE – OUTSIDE CATEGORY ONLY:			
*	5.1	Ungd & Aerial	Bidders must employ staff or subcontractors with expertise and equipment to conduct outside plant projects that are underground or aerial. <i>Written Response Required. Provide a list of key outside plant employees or subcontractors and a brief description of their experience with outside plant projects.</i>	MANDATORY SCORED	Fully Meets	All PowerCom Project Managers are fully capable and have experience performing outside plant projects both aerial and underground.
	6.0	PO/SOW	PURCHASE ORDERS/ STATEMENT OF WORK (SOW)			

	6.1	PO/SOW	ORDERING REQUIREMENTS. Eligible Purchasers shall order goods and/or services from any resulting Master Contract, consistent with the terms hereof and by using any ordering mechanism agreeable both to Bidder and Purchaser but, at a minimum, including the use of a Purchase Order, or Statement of Work (SOW). When practicable, Bidder and Purchaser also shall use telephone orders, email orders, web-based orders, and similar procurement methods (collectively "Purchaser Order"). All order documents must reference the Master Contract number. The terms of any resulting Master Contract shall apply to any Purchase Order or SOW and, in the event of any conflict, the terms of the resulting Master Contract shall prevail. Notwithstanding any provision to the contrary, in no event shall any 'click-agreement,' software or web-based application terms and conditions, or other agreement modify the terms and conditions of any resulting Master Contract.	MANDATORY	Fully Meets	
	6.2	PO/SOW	PURCHASE ORDERS/STATEMENT OF WORK (SOW). Bidder shall, in accordance with all terms and conditions of this Master Contract, fully perform and shall be obligated to comply with all Purchase Orders/SOW received by the Bidder prior to the expiration hereof, unless otherwise directed in writing by the Contract Administrator, including, without limitation, all Purchase Orders/SOW received prior to but not fully performed and satisfied at the expiration of this Contract.	MANDATORY	Fully Meets	
	6.3	PO/SOW	CHANGE ORDERS: All modifications, additions or revisions to the Purchase Order/SOW MUST be agreed to, and must be approved by Purchaser in writing before proceeding with any additions or revisions to services or materials provided by Bidder.	MANDATORY	Fully Meets	
	7.0	Ste Seq & Access	SITE SECURITY AND ACCESS:			
	7.1	Ste Seq & Access	While on Purchaser's premises, Bidder, its agents, employees, or subcontractors must conform in all respects with physical, fire, and security regulations. Bidder understands that all Purchaser's building entrances are controlled for access. Bidder agrees to become familiar with Purchaser's building and security policies, and further agrees to observe and comply with all Purchaser's building and security policies or procedures. Bidder understands that in order to obtain access to Purchaser's premises, Bidder must be issued a security badge by Purchaser. Bidder must provide certain personal information, including valid government issued photo identification, prior to obtaining a security badge. Bidder further understands that Purchaser will collect and retain such personal information for so long as the contract is in effect and such individual(s) has access to the premises. Purchaser reserves the right to deny an application for a security badge. Failure of Bidder to comply with Purchaser's security and safety policies and procedures is sufficient grounds for revoking, modifying, suspending or terminating access to Purchaser's facilities.	MANDATORY	Fully Meets	
	8.0	Ship & Risk of Loss	SHIPPING AND RISK OF LOSS:			
	8.1	Ship & Risk of Loss	SHIPPING. Bidder must ship all materials purchased pursuant to this Contract, freight prepaid, FOB Purchaser's destination. The method of shipment must be consistent with the nature of the materials and hazards of transportation.	MANDATORY	Fully Meets	
	8.2	Ship & Risk of Loss	RISK OF LOSS. Regardless of FOB point, Bidder agrees to bear all risks of loss, damage, or destruction of the materials ordered hereunder that occurs prior to Acceptance, except loss or damage attributable to Purchaser's fault or negligence; and such loss, damage, or destruction must not release Bidder from any obligation hereunder. After Acceptance, the risk of loss or damage must be borne by Purchaser, except loss or damage attributable to Bidder's fault or negligence.	MANDATORY	Fully Meets	
	9.0	Const. Coord.	CONSTRUCTION COORDINATION:			
	9.1	Const. Coord.	Coordinating With Purchaser. The Bidder is responsible for coordinating with the Purchaser for specific needs or requirements such as facility access, security, and work hours. Bidder must coordinate with Purchaser to schedule project work to allow maximum access to the Bidder while minimizing disruption of Purchaser's business. Accordingly, the Bidder will frequently be required to work after normal business hours (Monday through Friday, 8 a.m. to 5 p.m.) and on weekends.	MANDATORY	Fully Meets	
	9.2	Const. Coord.	NEW CONSTRUCTION. When the project is for new construction or renovation, the Bidder must coordinate with the Purchaser's project manager to ensure that all work is performed in coordination with ongoing construction activities in such a manner as to cause the least possible disruption to other Bidders, finished surfaces, and facilitate the most efficient method for completion of the work.	MANDATORY	Fully Meets	
	9.3	Const. Coord.	SAFETY REQUIREMENTS. Bidder must observe and comply with OSHA/WISHA regulations, all applicable safety and environmental laws and regulations, and all Purchaser's rules, guidelines, policies and procedures relating to safety, workplace conditions, health and the environment, including physical, fire, evacuation, accidents, hazardous materials or situations, or other safety regulations and policies during all work operations. OSHA/WISHA guidelines and rules must be followed and Bidder's adherence is subject to review by the State. <ul style="list-style-type: none"> - All debris generated by the Bidder must be picked up and lawfully disposed of at the conclusion of each work day. - Hallways must be kept free of debris, scaffolds, etc., during peak use. - Traffic control devices, safety barricades, and other such devices must be utilized where necessary. - Where performing work at a construction site, the Bidder will be required to abide by the Purchaser's primary Bidder's additional safety requirements. - Whenever project requires Bidder to transit a firewall, the Bidder must meet all codes and requirements for proper fire-stop materials and methods. 	MANDATORY	Fully Meets	

9.4	Const. Coord.	<p>DELIVERY AND STORAGE.</p> <ul style="list-style-type: none"> • Bidder must be responsible for making the arrangements for delivery, unloading, and storage of materials for each project. • Purchaser will assume no responsibility for receiving any materials shipped to Purchaser's facility by or on behalf of the Bidder. • No storage area will be available at Purchaser's facility for long-term storage of Bidder's materials or supplies unless so stated in the Purchaser's SOW. • If providing any storage for the convenience of the Bidder, the Purchaser assumes no responsibility for any items that may be lost, stolen, damaged, or destroyed, and will not take possession of or title to any items prior to installation and Acceptance. • All materials purchased under this Contract must be completely installed and ready to begin Acceptance Testing within the time period specified in the Purchase Order or SOW after Bidder's receipt of an Order. Extensions will be granted at the sole option of the Purchaser. Time is of the essence with respect to delivery and Bidder may be subject to liquidated damages or termination of a Purchase Order/SOW or of this Master Contract and/or other damages available under law for failure to deliver on time. • All deliveries made pursuant to this Contract must be complete. Unless Bidder has obtained prior written approval from Purchaser, which must not be withheld unreasonably, incomplete deliveries or backorders will not be accepted. All packages must be accompanied by a packing slip that identifies all items included with the shipment and the Purchaser's Purchase Order/SOW number. Bidder's delivery receipt must be signed by an authorized representative of Purchaser for all deliveries made hereunder. 	MANDATORY	Fully Meets	
9.5	Const. Coord.	Pathway Access. The Bidder will be responsible for providing equipment necessary to access the vertical and lateral pathways to place specified cables and support work.	MANDATORY	Fully Meets	
9.6	Const. Coord.	Care Of Purchaser Facilities And Equipment. The Bidder is responsible for replacing, restoring and/or bringing to original condition all floors, ceilings, walls, furniture, grounds, pavement, utilities, etc. damaged by Bidder's personnel and operations. The Bidder is responsible for care of the Purchaser's affected equipment during installation/maintenance. The Bidder must notify the Purchaser if additional equipment is needed to complete the project. The Bidder is responsible for modifying, as needed, existing Equipment to ensure compatibility with any new Equipment being installed.	MANDATORY	Fully Meets	
9.7	Const. Coord.	Permits. The Bidder is responsible for obtaining applicable permits, unless otherwise specified by the Purchaser.	MANDATORY	Fully Meets	
9.8	Const. Coord.	Performance Bonds. The Bidder is responsible for obtaining performance bonds when required by the Purchaser.	MANDATORY	Fully Meets	
9.9	Const. Coord.	Hazardous Materials Remediation. It is the Bidder's responsibility to meet all state/federal rules and regulations pertaining to the presence of asbestos or other hazardous materials. Purchaser does not contemplate work in any area that contains hazardous materials, unless specified in writing in the SOW. Bidder must cease all work in any area where hazardous materials are discovered and must immediately notify Purchaser in writing. The Purchaser must be responsible for determining the disposition of hazardous materials identified by the Bidder.	MANDATORY	Fully Meets	
9.10	Const. Coord.	Removal of Old Cabling. Upon Purchaser request in SOW/Work Order, Bidder must be responsible for removing old cabling while installing new.	MANDATORY	Fully Meets	
* 10.0	Const. Coord (OUT)	CONSTRUCTION COORDINATION (Additional) - Outside Work Bidders Only:			
* 10.1	Const. Coord (OUT)	Utilities. The location of all existing buried facilities must be located and marked prior to any digging by the Bidder. The Bidder must be responsible for damage to any existing buried utilities.	MANDATORY	Fully Meets	
* 10.2	Const. Coord (OUT)	Aerial Placement. The Bidder must utilize standard industry hardware to attach aerial cable at pole locations (strand vices, guy hooks, cable suspension clamps, corner suspension clamps, etc.)	MANDATORY	Fully Meets	
* 10.3	Const. Coord (OUT)	Equipment. All gas/diesel motorized equipment must have proper mufflers and meet any other environmental/safety requirements.	MANDATORY	Fully Meets	
* 10.4	Const. Coord (OUT)	Trenching/Digging/Boring. Any trenching/digging/boring sites must be backfilled to contours and elevations of undisturbed surrounding terrain. Sidewalks restoration must match the sidewalk being removed. Driveway and roadway restoration must match the driveway and/or roadway being removed. To the extent necessary trench excavation must meet the requirements of RCW 39.04.180.	MANDATORY	Fully Meets	
* 10.5	Const. Coord (OUT)	Work In Maintenance Holes. Before work commences in conduit system maintenance holes, the Bidder must follow industry standards and WA State Regulations (WAC 296-809 – Confined Spaces) for atmospheric testing, ventilation, barricading and signage of each manhole that will be entered by the Bidder as applicable. Bidder must maintain proper ventilation throughout the work process.	MANDATORY	Fully Meets	
* 10.6	Const. Coord (OUT)	OutSide Plant (OSP) - Optical Fiber Construction. All optic fiber cables utilized for outside plant applications must be suitable for outside use between buildings in a campus environment. It must be suitable for runs in buried conduits and aerial runs. The outer jacket must be smooth and free from holes, blisters, splits, and other surface flaws.	MANDATORY	Fully Meets	
11.0	Doc.	DOCUMENTATION:			
11.1	Doc.	The Bidder must prepare and maintain records in accordance with the State and Purchaser's documentation requirements. If the Purchaser has a cabling management system, the Bidder is responsible for working with the Purchaser's cabling management personnel to provide a format compatible with this system. For remodeling projects, the Bidder is responsible for updating appropriate records.	MANDATORY	Fully Meets	
11.2	Doc.	AS-BUILT DRAWINGS: Bidder must maintain a working copy of an as-built drawing of the Bidder's current project that shows the progress/changes of the work completed and the location of all the cabling, outlets, etc. This working document must be updated as often as specified in the Purchase Order/SOW.	MANDATORY	Fully Meets	

	11.3	Doc.	In addition, the Bidder may be required to provide up to three (3) complete sets of as-built drawings following project completion. These drawings must, at a minimum, show all distribution cable runs utilized, number of pairs added, all distribution frames affected, and the location of all instruments and outlets installed. All outlets must be physically labeled according to Purchaser specifications and these labels must be used in the as-built drawings to indicate outlet locations. All voice and data cable paths and terminations must be coded according to the Purchaser's requirements. The Purchaser is responsible for providing the Bidder with building plans that will be used to prepare the as-built drawings.	MANDATORY	Fully Meets		
	11.4	Doc.	TESTING DOCUMENTATION. Bidder must provide the results of all testing done on installed cable to the Purchaser, in either hard copy or by email, as directed by the Purchaser.	MANDATORY	Fully Meets		
	11.5	Doc.	LABELING. Labeling of jacks, wiring, panels, cross connect blocks and any other installed items that would regularly be labeled, is required for all installations, and must comply with the labeling requirements of EIA/TIA 606-CB unless otherwise specified by the Purchaser. As-built drawings are to reflect this labeling methodology.	MANDATORY	Fully Meets		
	11.6	Doc.	Labeling must be permanent and legible. Labeling must be installed at cabling points identified within the specifications in the RFQ and Purchase Order/SOW. Unless specified differently by Purchasers, all cable labels must comply with the labeling requirements of EIA/TIA 606-B.	MANDATORY	Fully Meets		
	11.7	Doc.	Bidder must work with Purchaser to identify and flag/label abandoned cable that is available to be used at a future date.	MANDATORY	Fully Meets		
12.0	Compat & Specs	MATERIAL COMPATIBILITY, SPECIFICATIONS AND CONFIGURATIONS:					
	12.1	Compat & Specs	Bidder must be responsible to notify Purchaser of the existence of any compatibility issues between Bidder's materials and Purchaser's already existing or planned for hardware, software or cabling. Purchaser will provide Bidder access in a timely fashion to necessary areas and equipment sites and must provide Bidder with a list of any existing or planned for hardware, software and cabling, as necessary.	MANDATORY	Fully Meets		
	12.2	Compat & Specs	Materials delivered hereunder will conform to that item's detailed specifications in all respects including, but not limited to; physical characteristics, operating characteristics, space requirements, power requirements, maintenance or warranty characteristics, modularity, compatibility, and the like, as may be modified in writing and agreed to by the parties.	MANDATORY	Fully Meets		
13.0	Inst. & Set Up	INSTALLATION AND SET-UP:					
	13.1	Inst. & Set Up	Bidder must separately itemize all installation and physical requirements for materials as listed below: <ul style="list-style-type: none"> • Ventilation or Air conditioning • Electrical requirement • Special grounding • Cabling requirement • Weight (floor loading) • Space requirements • Humidity and temperature limits 	MANDATORY	Fully Meets		
	13.2	Inst. & Set Up	When installing materials, Bidder will provide, at no additional charge: <ul style="list-style-type: none"> • A written installation support plan and schedule addressing staffing, site preparation requirements, resource allocation, testing procedures. • Site surveys. • Station reviews to identify user requirements. • An on-site Manufacturer certified technician during and after the Project until the Materials operate properly. 	MANDATORY	Fully Meets		
	13.3	Inst. & Set Up	Bidder installation personnel that work onsite must have International, or Manufacturer certification in accordance with industry standards and best practice methodologies and must be proficient with the installation and termination of all equipment that is to be installed onsite. Upon request Bidder will furnish a copy of such certification to Purchaser or DES.	MANDATORY	Fully Meets		
	13.4	Inst. & Set Up	Purchaser must have access to the work site at all times during installation.	MANDATORY	Fully Meets		
	13.5	Inst. & Set Up	Purchaser must prepare the environment to house the Materials based upon written requirements provided by Bidder in its installation plan, as modified in writing and agreed to by the parties. Bidder's specialists must be available to provide required consultation related to environment preparation at no extra cost to Purchaser apart from the costs presented in Bidder's Response. Any requirements for the environment not disclosed in Bidder's installation plan will be completed by Bidder at no additional cost to Purchaser. Purchaser will provide standard commercial power. Bidder must install an external, Manufacturer recommended surge protector between the power source and each major system.	MANDATORY	Fully Meets		
	13.6	Inst. & Set Up	Bidder must be responsible for acquiring any required permits.	MANDATORY	Fully Meets		
	13.7	Inst. & Set Up	Bidder must replace, restore and/or return all floors, ceilings, walls, grounds, pavement, etc., damaged by Bidder personnel to their original condition at no additional cost to Purchaser.	MANDATORY	Fully Meets		
	13.8	Inst. & Set Up	All debris generated by Bidder must be picked up and lawfully disposed of at the conclusion of each work day. Hallways must be kept free of debris, scaffolds, etc., during peak use. Traffic control devices, safety barricades, and other such devices must be utilized where necessary.	MANDATORY	Fully Meets		
	13.9	Inst. & Set Up	Bidder is hereby notified that fiber optic, communications, control systems, and other types of cable (collectively called "cabling") may be located within or on Purchaser's grounds and facilities.	MANDATORY	Fully Meets		
	13.10	Inst. & Set Up	Before beginning work on or about Purchaser's premises, Bidder must contact Purchaser's communications network control center to determine if Purchaser's cabling systems will be impacted and to make necessary arrangements. Prior to the commencement of any work that may impact underground utilities not owned by Purchaser, Bidder agrees to notify affected owners under the requirements of chapter 19.122 RCW, Underground Utilities.	MANDATORY	Fully Meets		
	13.11	Inst. & Set Up	Purchaser hereby permits Bidder to interface with such cabling and design engineering systems in support of the delivery of the Materials and Services ordered under this Master Contract.	MANDATORY	Fully Meets		
	13.12	Inst. & Set Up	Bidder must install the materials, with all features, options, parts and wiring ordered by Purchaser, ready for Acceptance Testing, on or before the Installation Date(s) specified in the Purchase Order/SOW. Failure to meet the Installation Date(s) may subject Bidder to liquidated damages or termination of a Purchase Order or of this Master Contract and damages available under law, unless such failure is caused by acts or omissions of Purchaser.	MANDATORY	Fully Meets		

	13.13	Inst. & Set Up	After installing the materials, Bidder must provide Purchaser with documentation of a successful system audit using Bidder's diagnostic routines, as approved by Purchaser, demonstrating that the materials meet or exceed the Specifications. Bidder must certify to Purchaser in writing that the materials are ready for Acceptance Testing. If after reviewing such documentation Purchaser agrees that the materials are ready for Acceptance Testing, Purchaser must begin Acceptance Testing, as set forth in the section titled Standard of Performance and Acceptance.	MANDATORY	Fully Meets		
	14.0	Std Perf & Acc.	STANDARD OF PERFORMANCE AND ACCEPTANCE:				
	14.1	Std Perf & Acc.	This section establishes a Standard of Performance that must be met before Acceptance. This Standard of Performance is also applicable to any additional, replacement, or substitute materials and any materials that are modified by or with the written approval of Bidder after having been accepted.	MANDATORY	Fully Meets		
	14.2	Std Perf & Acc.	MATERIALS TESTING. All installation, wiring, and cabling requirements identified in the Purchase Order/ SOW must be satisfied. All materials must be tested, functional and certified, based on ANSI/TIA/EIA installation standards and best practices and be approved by the Purchaser and/or Purchaser's on-site coordinator prior to acceptance for payment. Minimum testing of copper cable is to include Wire Map, continuity, NEXT and attenuation in accordance with the most current ANSI/TIA/EIA-568 standard. Minimum testing for fiber cable is to include testing the attenuation and Optical Return Loss of the installed cable plant to meet TIA standard loss levels. This will be accomplished by providing passing test results from the following test equipment an optical loss test set (OLTS)(Tier 1 test) and an Optical Time Domain Reflectometer (OTDR) (Tier 2 test). Complete test results whether they be for copper or fiber will be provided digitally for each terminated fiber strand and each copper pair at the end of the project. When performing a Tier 1 test on laser optimized multimode fiber (OM3, 4 or 5) the use of encircled flux reference cables shall be used for proper test results. When performing a Tier 2 test on fiber optic strands that have splices or that splice between two different cable manufacturer's glass, testing on an OTDR will be done in both directions and loss values will be averaged and recorded in the test results. When testing and certifying copper or fiber cables, all test equipment must have a calibration date not to exceed 1 year from the date of the test.	MANDATORY	Fully Meets		
	14.3	Std Perf & Acc.	RESPONSIBILITY FOR COMPLIANCE. Inspections, tests, measurements or other acts or functions performed by State of Washington personnel must in no manner be construed as relieving the Bidder from full compliance with requirements. Upon Purchaser notification of defective or unauthorized equipment or materials, and unacceptable installation/repair practices, the Bidder will immediately replace or modify affected practices or parts at no additional cost to the Purchaser.	MANDATORY	Fully Meets		
	14.4	Std Perf & Acc.	ACCEPTANCE. Acceptance of materials and services will be based as follows or as detailed in Purchaser's Purchase Order/SOW. Fifteen (15) consecutive days of one-hundred percent (100 percent) trouble-free performance where: • 100 percent of all terminations are operational and the Effectiveness Level is 100 percent; • 100 percent of all ancillary equipment is operational and the Effectiveness Level is 100 percent; • Labeling and as-built drawings have been completed according to Purchaser's specifications and provided to the Purchaser.	MANDATORY	Fully Meets		
	14.5	Std Perf & Acc.	EFFECTIVENESS LEVEL. The Effectiveness Level is the percentage of time in a month that the materials are functioning properly in accordance with its specifications. The Effectiveness Level is determined by dividing the operational use time of the materials by the sum of the operational use time plus the materials failure downtime, all of which must be measured in hours and whole minutes. Operational Use Time for materials is defined as the total time the materials would normally be used. Materials Failure downtime is defined as the accumulated time during Operational Use time when work cannot be processed or accurately completed because of materials Failure. Materials Failure is defined as a malfunction that prevents the accomplishment of the intended function(s) of the materials.	MANDATORY	Fully Meets		
	14.6	Std Perf & Acc.	DOWNTIME. Downtime for each incident must start from the time that Bidder knew or reasonably should have known of the materials failure, or Purchaser makes a bona fide attempt to contact Bidder's designated representative at the prearranged contact point, whichever occurs earlier, until the materials are returned to fully operational status in conformance with its specifications. During periods of materials failure downtime, Purchaser may use operable portions of the materials when such action does not interfere with repair of the inoperable portions.	MANDATORY	Fully Meets		
	14.7	Std Perf & Acc.	FAILURE TO MEET STANDARD OF PERFORMANCE. If the services and materials do not meet the Standard of Performance during the first period of Acceptance Testing, Purchaser at its sole option may continue on a day-to-day basis until the Standard of Performance has been met, or terminate the Purchase Order/SOW without penalty, or demand replacement materials or services and/or corrections from the Bidder at no additional cost and continue the Acceptance Testing for an additional fifteen (15) consecutive calendar days after receipt of replacement materials. Purchaser's option to terminate the Purchase Order/SOW must remain in effect until exercised or until such time as the Acceptance Testing is successfully completed. Bidder must pay all costs related to the preparation and shipping of materials returned pursuant to this section. Purchaser's option to declare Bidder in breach and terminate this Order must not be waived by Purchaser's decision to continue Acceptance Testing beyond the delineated testing period.	MANDATORY	Fully Meets		
	14.8	Std Perf & Acc.	WRITTEN NOTICE OF ACCEPTANCE. Purchaser, at its sole discretion, will determine whether the services and materials have successfully completed Acceptance Testing. Bidder must not bill Purchaser until this Standard of Performance is met. Upon successful completion of the Acceptance Testing, Purchaser will provide a written notice of a successful Acceptance Testing to the Bidder's Project Manager.	MANDATORY	Fully Meets		
	14.9	Std Perf & Acc.	BIDDER SUPPORT. Bidder must provide support for the period up to the issuance of Acceptance by Purchaser. This support must include troubleshooting, the correction of any bugs or deficiencies, and the resolution of any operating problems. During this period, Bidder will provide, at no additional cost, unlimited technical support by telephone. If a problem cannot be resolved within forty-eight (48) hours of Purchaser's initial notification, Bidder must provide at no additional cost on-site service and support to resolve the problem.	MANDATORY	Fully Meets		
	14.10	Std Perf & Acc.	ESCALATION PROCEDURES. Bidder must submit an escalation procedure, providing trouble escalation for normal and emergency events. Bidder is required to submit updated escalation procedures upon any change. Written Response Required. Provide contact names and titles, with appropriate time intervals and point(s) of contact for unresolved service problems. Bidder is required to submit updated escalation procedures upon any change.	MANDATORY SCORED	Fully Meets	Order of escalation as follows: Onsite Foreman, Assigned Project Manager, Sr. Project Manager, Presid	
	15.0	Wnty.	WARRANTY:				

	15.1	Wnty.	Bidder warrants that the materials must be new, of the latest design, of good quality, free of defects, fit and safe for the intended purposes, free from defects in materials and workmanship, and must be produced and delivered in full compliance with applicable law and in conformance with the Master Contract and Purchase Order/SOW (including EIA/TIA Category Certifications for cables and termination components). All materials and work not in conformance with the Master Contract, and Purchase Order/SOW and EIA/TIA Category Certifications for cables and termination components must be replaced free-of-charge to Purchaser during the base-offer warranty period, commencing upon the first day after the Acceptance Date.	MANDATORY	Fully Meets		
	15.2	Wnty.	During the Warranty Period, Bidder must adjust, repair, or replace all materials that are defective or not performing in conformance with the specifications. All costs for such adjustments, repairs, or replacements, including all costs for replacing parts or units and their installation and any transportation and delivery fees, must be at Bidder's expense. Any defective materials must be repaired or replaced for Purchaser so that it conforms to the specifications of the Master Contract and Purchase Order/SOW.	MANDATORY	Fully Meets		
	15.3	Wnty.	Bidder agrees that all warranty service provided hereunder must be performed by Manufacturer-trained, certified, and authorized technicians. Bidder further agrees to act as the sole point of contact for warranty service. Bidder warrants that it has or will obtain and pass through to Purchaser any and all warranties obtained or available from the Original Equipment Manufacturer (OEM), including any replacement, upgraded, or additional materials warranties.	MANDATORY	Fully Meets		
	15.4	Wnty.	Goods Warranty. The base-offer warranty period for the building wiring system must be a minimum of twelve (12) months, and can be increased by the Purchase Order/SOW which must start on the "Acceptance Date."	MANDATORY	Fully Meets		
	15.5	Wnty.	Services Warranty. Bidder will warranty the services provided under the resulting Master Contract. Bidder will provide a minimum of twelve (12) months Services warranty from the time of acceptance by Purchaser for installed/repaired materials including basic common equipment, terminal equipment and all other ancillary equipment. Bidder provided Services warranty will be carried over into 5.3 of resulting Master Contract. Written Response Required: Please detail warranty provided on services including # months covered in Warranty Period.	MANDATORY SCORED	Fully Meets	Parts and labor for a period of 12 months after service. Written Powercom warranty available per project required.	
	15.6	Wnty.	Technical Support. Bidder must provide Technical Support and Service Desk for reporting warranty issues and for trouble-shooting problems. Bidder's Technical Support and Service Desk can be reached at the number identified during normal business hours (8:00-5:00, M-F), at a minimum. After hours Support Services is preferred. Written Response Required. Bidder's Technical Support Services can be reached at (to be filled in by Bidder). Indicate if have after hours phone number, and hours available, that Purchasers can reach Support Services after normal business hours.	MANDATORY SCORED	Fully Meets	PowerCom has a 24/7 emergency call center under contract for after hours needs. The main phone numt direct project managers numbers are for use durring normal business hours.	
	16.0	Mat. Maint.	MATERIALS MAINTENANCE:				
	16.1	Mat. Maint.	Non-emergency maintenance/repair callback response time during warranty will be within eight (8) Business Hours after notification. On-Site response time to routine maintenance/repair requests such as Moves, Adds, and Changes (MACs) must be within three (3) Business Days of request, unless otherwise negotiated by Purchaser and Bidder. Routine maintenance/repair will be performed during Business Hours. When on-site, Bidder must report to Purchaser's designated coordinator prior to and after each service call. Written Response Required	MANDATORY SCORED	Fully Meets	PowerCom has a 24/7 emergency call center under contract for after hours needs. The main phone numt direct project managers numbers are for use durring normal business hours.	
	16.2	Mat. Maint.	Emergency on-site maintenance/repair response time during warranty will be within two (2) hours, twenty-four (24) hours per day, seven (7) days per week, including holidays. Time to correct an emergency situation must not exceed eight (8) hours after notification. Emergency maintenance applies to: (i) Failure of signaling; (ii) Failure of power supply; and (iii) Failure of any terminals deemed critical by Purchaser to the functioning of Purchaser's business functions. Written Response Required	MANDATORY SCORED	Fully Meets	PowerCom has a 24/7 emergency call center under contract for after hours needs.	
	16.3	Mat. Maint.	Purchaser may impose liquidated damages as part of their Purchase Order/SOW for each "late" hour or part thereof (prorated in whole minutes) beginning with the time of notification and ending with the time of arrival, if Bidder's maintenance personnel fail to meet response times identified above.	MANDATORY	Fully Meets		
	16.4	Mat. Maint.	Any work or upgrade that may affect service must be coordinated with Purchaser's coordinator a minimum of 48 hours in advance. Maintenance and upgrades that might affect service will not be conducted during Business Hours without Purchaser's prior written approval.	MANDATORY	Fully Meets		
	16.5	Mat. Maint.	Purchaser agrees that Bidder will not be liable for any damages caused by Purchaser's actions or failure of Purchaser to fulfill any of its responsibilities for site installation.	MANDATORY	Fully Meets		
	16.6	Mat. Maint.	Bidder personnel responding to maintenance calls, repairing or servicing the system must be Manufacturer-certified to work on the materials.	MANDATORY	Fully Meets		
	16.7	Mat. Maint.	Bidder must maintain a log on Purchaser's premises that details repairs, maintenance and upgrades to the system. The log must be available for inspection by Purchaser and/or DES upon request.	MANDATORY	Fully Meets		
	16.8	Mat. Maint.	Purchaser must provide Bidder access to the system to perform maintenance service.	MANDATORY	Fully Meets		
	16.9	Mat. Maint.	When on-site, Bidder must report to Purchaser's designated coordinator prior to and after each service call.	MANDATORY	Fully Meets		
	16.10	Mat. Maint.	Upon completion of each maintenance call, Bidder must furnish a maintenance activity report to Purchaser, which must include, as a minimum, the following: • Date and time notified. • Date and time of arrival. • Type and serial number(s) of machine(s). • Time spent for repair. • Description of malfunction. • List of parts replaced. • Additional charges, if applicable.	MANDATORY	Fully Meets		

	16.11	Mat. Maint.	There must be no additional maintenance charges for: • Replacement parts. • Remedial maintenance required within a forty-eight (48) hour period due to recurrence of the same malfunction. • Time spent by maintenance personnel after arrival at the site awaiting the arrival of additional maintenance personnel and/or delivery of parts, tools or other required material.	MANDATORY	Fully Meets		
	16.12	Mat. Maint.	In cases where Bidder does not respond within the required time, Purchaser must have the option of acquiring repair from another manufacturer-certified source and Bidder must be responsible for full reimbursement of costs incurred by Purchaser. Maintenance by another manufacturer-certified source when Bidder has failed to respond will not constitute grounds to void the warranty.	MANDATORY	Fully Meets		
17.0	Spare Parts	SPARE PARTS:					
17.1	Spare Parts	Bidder must make available to Purchaser either a depot repair center and/or an availability guarantee of component parts and sub-assemblies necessary for on-going maintenance and operation of the materials. Bidder guarantees part availability for a minimum of seven (7) years from the Acceptance Date of materials by Purchaser. In addition, Bidder must have a complete on-site "crash kit" of spare parts or a permanent maintenance facility with a full parts inventory within a distance that will meet the specified emergency on-site response times.		MANDATORY SCORED	Fully Meets	All material needed will be available through distribution.	
18.0	Fed Funds	FEDERAL FUNDS:					
18.1	Fed Funds	Bidder meets the most current version of the FEDERAL TRANSIT ADMINISTRATION ARTICLES FOR PROCUREMENT CONTRACTS, as listed in the Master Contract Exhibit E1. This will qualify bidder to bid on jobs where Purchaser uses FTA funds for payment. To the extent that any Purchaser uses federal funds to purchase goods and/or services pursuant to any resulting Master Contract, such Purchaser shall attach the most current version of federal funding requirements/articles to purchase order/SOW, and specify any applicable requirement or certification that must be satisfied by Bidder with its order/SOW, at the time the order is placed. Bidder must use best efforts to execute such federal assurances or requirements as may be necessary for Purchaser to utilize such federal funding (e.g., FTA requirements, sample attached as Exhibit D).		HIGHLY DESIRABLE		N/A	
		Written Response Required			Does Not Meet		
19.0	Opt.	E-WASTE BUYBACK OR RECYCLING OPTIONS:					
19.1	Opt.	Bidder must have E-waste buyback or recycling program option for old cabling. Provide options for E-waste buy back or old cabling recycling to purchasers.		HIGHLY DESIRABLE	Does Not Meet		N/A
		Written Response Required					
20.0	Inv.	INVOICING:					
20.1	Inv.	Bidder must submit to Purchaser's designated invoicing contact properly itemized invoices for Goods and/or Services delivered under this Master Contract. Such invoices must itemize the following: (a) Master Contract No. 05620 (b) Bidder name, address, telephone number, and email address for billing issues (i.e., Bidder Customer Service Representative) (c) Bidder's Federal Tax Identification Number (d) Date(s) of delivery (if applicable) (e) Description of Services and Installation provided, including hourly rate and total hours for each labor category, if applicable. Pricing for Labor categories must be clearly structured in same manner as contract pricing (\$/hr. and PW + %) (f) Description of Parts and Materials provided. Pricing for Parts and Materials must be clearly structured in same manner as contract pricing (cost + % markup) (g) Invoice amount; and (h) Payment terms, including any available prompt payment discounts. Bidder's invoices for payment must reflect accurate Master Contract prices. Invoices will not be processed for payment until receipt of a complete invoice as specified herein.		MANDATORY	Fully Meets		

EXHIBIT B1

3.2 CERT



CERTIFICATE OF AUTHORIZATION

Presented To:

PowerCom, Inc. - WA
as a
Solution Provider

for IBW

Approved Territory:

Seattle

A handwritten signature in black ink that reads "Ernest Pickens".

Ernest Pickens
SVP ISPC & Enterprise Markets

2021

Program Year

664

Partner ID



CERTIFICATE OF AUTHORIZATION

Presented To:

PowerCom, Inc. - WA
as a

Solution Provider

for SYSTIMAX Infrastructure
Approved Territory:

Washington

A handwritten signature in black ink that reads "Ernest Pickens".

Ernest Pickens
SVP ISPC & Enterprise Markets

2021

Program Year

664

Partner ID



CERTIFICATE OF AUTHORIZATION

Presented To:

PowerCom, Inc. - WA

as a

Solution Provider

for UNIPRISE Infrastructure

Approved Territory:

Washington

A handwritten signature in black ink that reads "Ernest Pickens".

Ernest Pickens
SVP ISPC & Enterprise Markets

2021

Program Year

664

Partner ID



CERTIFIED INSTALLER PLUS – ENTERPRISE SOLUTIONS PARTNER
(CIP-ESP) ■



Legrand acknowledges

PowerCOM Inc

of

Bothell, Washington

is Certified at the Certified Installer Plus Solutions Partner (CIP-ESP) tier
for the period

March 4, 2020 to December 31, 2021

*This certification allows the installer to offer the nCompass Standard and Premium Performance Limited Lifetime Warranties
for properly registered and approved projects in Washington.
Warranty for projects outside Washington must be pre-approved.*



Director of Technical Support and Training

19877

Registration Number

High Performance Cabling Systems

Legrand and Superior Essex
acknowledge that

PowerCOM Inc

22122 20th Ave SE Suite #152
Bothell WA 98021
United States

is a Certified Contractor in good standing as a premier

Certified Installer Plus - Enterprise Solutions Partner

As a Certified Installer Plus - Enterprise Solutions Partner (CIP-ESP), PowerCOM Inc supports and provides the Legrand and Superior Essex **nCompass** Limited Lifetime Warranty - Standard Performance and the **nCompass** Limited Lifetime Warranty - Premium Performance.

www.nCompass-systems.com



EXHIBIT B1

3.5 CERT



CERTIFICATE OF AUTHORIZATION

This certifies that

Charles Eric Sweatt
PowerCom, Inc

has successfully completed

SP3361 - SYSTIMAX Installation & Maintenance


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
6 Event ID: OV-COMMS-IL-0418-4

11th October 2019
Date Issued

This certificate shall expire two (2) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPRO program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF AUTHORIZATION

This certifies that

Chuck Brown
PowerCom Inc.

has successfully completed

SP3361 - SYSTIMAX Installation & Maintenance


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
7 Event ID: OV-COMM-OC-03204

29th April 2021
Date Issued

This certificate shall expire two (2) years from the date above

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CERTIFICATE OF AUTHORIZATION

This certifies that

Dean Hanshew
PowerCom Inc.

has successfully completed

SP3361R - SYSTIMAX I&M Recertification


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
4 Event ID: OV-COMM-OC-0320-2

21st June 2021
Date Issued

This certificate shall expire two (2) years from the date above

BJ830424US205FS2
Certificate

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CERTIFICATE OF ACHIEVEMENT

This certifies that

Dillon Miller
Powercom

has successfully completed

SP6000 - Understanding the RF Path


James Donovan
Approval

7th January 2021
Date Issued

BJ810234US201AS0
Certificate

This certificate shall expire three (3) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPro program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF ACHIEVEMENT

This certifies that

Dillon Miller
Powercom

has successfully completed

SP6101 - Connector Attachment Training


James Donovan
Approval

7th January 2021
Date Issued

BJ810347US201AS3
Certificate

This certificate shall expire three (3) years from the date above

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CERTIFICATE OF ACHIEVEMENT

This certifies that

Dillon Miller
Powercom

has successfully completed

SPCCCS - CommScope Coax Cable Solutions


James Donovan
Approval

10th February 2021
Date Issued

BJ814012US201BS7
Certificate

This certificate shall expire four (4) years from the date above

This course qualifies for SCTE Recertification Units

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPRO program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF AUTHORIZATION

This certifies that

Frank Schneider
PowerCom, Inc

has successfully completed

SP3361 - SYSTIMAX Installation & Maintenance


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
6 Event ID: OV-COMMS-IL-0418-4

23rd September 2019
Date Issued

This certificate shall expire two (2) years from the date above

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CERTIFICATE OF AUTHORIZATION

This certifies that

Garrett Willis
PowerCom Inc.

has successfully completed

SP3361R - SYSTIMAX I&M Recertification


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
4 Event ID: OV-COMM-OC-0320-2

25th April 2021
Date Issued

This certificate shall expire two (2) years from the date above

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CERTIFICATE OF AUTHORIZATION

This certifies that

Jon Urena
PowerCom Inc.

has successfully completed

SP3361R - SYSTIMAX I&M Recertification


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
4 Event ID: OV-COMM-OC-0320-2

24th June 2021

Date Issued

This certificate shall expire two (2) years from the date above

BJ830938US205FS0

Certificate

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CERTIFICATE OF AUTHORIZATION

This certifies that

Katti Maier
PowerCom, Inc

has successfully completed

SP3361 - SYSTIMAX Installation & Maintenance


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
6 Event ID: OV-COMMS-IL-0418-4

6th January 2020
Date Issued

This certificate shall expire two (2) years from the date above

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CERTIFICATE OF AUTHORIZATION

This certifies that

Kirt Griffis
Powercom

has successfully completed

SP3321 - SYSTIMAX Design and Engineering


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
8 Event ID: OV-COMMS-IL-0219-1

26th February 2020
Date Issued

This certificate shall expire two (2) years from the date above

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CERTIFICATE OF AUTHORIZATION

This certifies that

Linn Robinson
PowerCom, Inc

has successfully completed

SP3361 - SYSTIMAX Installation & Maintenance


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
6 Event ID: OV-COMMS-IL-0418-4

27th September 2019
Date Issued

This certificate shall expire two (2) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPRO program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF AUTHORIZATION

This certifies that

Micah Mitton
PowerCom, Inc

has successfully completed

SP3361R - SYSTIMAX I&M Recertification

James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
3 Event ID: OV-COMMSI-L0418-2

1st October 2019
Date Issued

This certificate shall expire two (2) years from the date above

BH706734US205JS7
Certificate

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the Commscope PartnerPRO Program or any other relationship between Commscope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for Commscope. For more details on Commscope's PartnerPRO program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF AUTHORIZATION

This certifies that

Mike Stevenson
PowerCom, Inc

has successfully completed

SP3361 - SYSTIMAX Installation & Maintenance


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
6 Event ID: OV-COMMS-IL-0418-4

27th September 2019
Date Issued

This certificate shall expire two (2) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPRO program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF AUTHORIZATION

This certifies that

Phillip Kim
PowerCom Inc.

has successfully completed

SP3361R - SYSTIMAX I&M Recertification


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
4 Event ID: OV-COMM-OC-0320-2

6th July 2021
Date Issued

This certificate shall expire two (2) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPRO program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF ACHIEVEMENT

This certifies that

Richard True

has successfully completed

SP6000 - Understanding the RF Path


James Donovan
Approval

9th February 2021
Date Issued

BJ813861US201BS8
Certificate

This certificate shall expire three (3) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPro program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF ACHIEVEMENT

This certifies that

Richard True

has successfully completed

SP6101 - Connector Attachment Training


James Donovan
Approval

8th February 2021
Date Issued

BJ813604US201BS5
Certificate

This certificate shall expire three (3) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPro program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF AUTHORIZATION

This certifies that

Ryan Hydorn
PowerCom Inc.

has successfully completed

SP3361 - SYSTIMAX Installation & Maintenance


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
7 Event ID: OV-COMM-OC-03204

24th April 2021
Date Issued

This certificate shall expire two (2) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPRO program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF AUTHORIZATION

This certifies that

Ted Stevenson
PowerCom Inc.

has successfully completed

SP3361R - SYSTIMAX I&M Recertification


James Donovan
Approval

BICSI Recognized Continuing Education Credits (CECs)
4 Event ID: OV-COMM-OC-0320-2

14th June 2021
Date Issued

BJ830001US205FS5
Certificate

This certificate shall expire two (2) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the Commscope PartnerPRO Program or any other relationship between Commscope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for Commscope. For more details on Commscope's PartnerPRO program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF ACHIEVEMENT

This certifies that

Travis Hall

has successfully completed

SP6101 - Connector Attachment Training


James Donovan
Approval

10th February 2021
Date Issued

BJ813999US201BS0
Certificate

This certificate shall expire three (3) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPro program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF ACHIEVEMENT

This certifies that

Trevor Vickery

has successfully completed

SP6000 - Understanding the RF Path


James Donovan
Approval

10th February 2021
Date Issued

BJ814008US201BS4
Certificate

This certificate shall expire three (3) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPRO program please visit www.commscope.com/PartnerPRO.

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CERTIFICATE OF ACHIEVEMENT

This certifies that

Trevor Vickery

has successfully completed

SP6101 - Connector Attachment Training


James Donovan
Approval

9th February 2021
Date Issued

BJ813884US201BS9
Certificate

This certificate shall expire three (3) years from the date above

This certificate is a record of training completed and is provided for information purposes only. The certificate shall not be construed to create, indicate, infer or imply any status, partnership, membership of the CommScope PartnerPRO Program or any other relationship between CommScope and the above named company. Furthermore, the above named company does not have any right, power or authority to represent, act, or create any obligations, express or implied, on behalf of or for CommScope. For more details on CommScope's PartnerPro program please visit www.commscope.com/PartnerPRO.

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TRAINING CERTIFICATION



Commscope's Mobility Solutions Institute
Proudly Acknowledges

for successfully completing the certification course

Pinder Chauhan

Vice President, Global Technical Support, Mobility Solutions

Course Completion Date

Certification Valid for 2 Years



It is hereby recognized that

Jon Urena

Has completed the Leviton Network Solutions Certification Course
Copper and Optical Fiber Communications Cabling Systems
on behalf of
PowerCom, Inc. - Bothell, WA

2/3/2021

Certification Date
Expires **12/31/2024**

A handwritten signature in black ink that reads "Asef Baddar".

Asef Baddar, RCDD, DCD
Certification Programs Manager, Leviton Network Solutions



8 BICSI CECs Awarded to Qualified BICSI Credential Holders
BICSI Event ID: OV-LEVI-WA-0121-1

Page 1 of 1



It is hereby recognized that

Michael Stevenson

Has completed the Leviton Network Solutions Certification Course
Copper and Optical Fiber Communications Cabling Systems
on behalf of
PowerCom, Inc. - Bothell, WA

2/3/2021

Certification Date
Expires **12/31/2024**

A handwritten signature in black ink that reads "Asef Baddar".

Asef Baddar, RCDD, DCD
Certification Programs Manager, Leviton Network Solutions



8 BICSI CECs Awarded to Qualified BICSI Credential Holders
BICSI Event ID: OV-LEVI-WA-0121-1

Page 40



It is hereby recognized that

Rian Horn

Has completed the Leviton Network Solutions Certification Course
Copper and Optical Fiber Communications Cabling Systems
on behalf of
PowerCom, Inc. - Bothell, WA

2/3/2021

Certification Date
Expires **12/31/2024**

A handwritten signature in black ink that reads "Asef Baddar".

Asef Baddar, RCDD, DCD
Certification Programs Manager, Leviton Network Solutions



8 BICSI CECs Awarded to Qualified BICSI Credential Holders
BICSI Event ID: OV-LEVI-WA-0121-1

0000000000



Certificate of Accomplishment

Awarded to

Chhun Sou

in recognition of satisfactory completion of the

Technician Training Course

July 5, 2020

for

PowerCom



Approved by:

A handwritten signature in black ink that appears to read 'C.S. Montstream'.

Cindy Montstream, Director of Technical Support & Training

Event ID: OV-LEGR-CT-0719-2

BICSI ITS CECs Awarded: 8



Ortronics

Certificate of Accomplishment

Awarded to

C.J. Santeford

in recognition of satisfactory completion of the

Management Certification Course -Plus

September 24, 2019



Approved by:

Cindy Montstream, Director of Technical Support & Training

A handwritten signature in blue ink that reads "Cynthia J Montstream".

Event ID: OV-LEGR-CT-1218-1

BICSI CECs Awarded:

RCDD: 14 RITP: 0 ESS: 0 NTS: 14 OSP: 0 WD: 0
ITS Installer 2, Copper/Optical Fiber: 14
ITS Technician: 14 Certified Trainer: 14



Certificate of Accomplishment

Awarded to

Jon Urena

in recognition of satisfactory completion of the
Technician Training Course

July 21, 2020

for

PowerCom Inc



Approved by:

A handwritten signature in black ink that reads 'C.S. Montstream'.

Cindy Montstream, Director of Technical Support & Training

Event ID: OV-LEGR-CT-0719-2

BICSI ITS CECs Awarded: 8

EXHIBIT B1

3.6 CERT

CERTIFICATE

O F C O M P L E T I O N

Fiber Optics 1-2-3

Installation and Maintenance Course

This is to Certify that

Mike Stevenson

has completed a four-day seminar on design, installation and maintenance of fiber optic communications systems that consisted of twelve hours of classroom instruction on physical plant, four hours on system design and sixteen hours of hands-on training. Fiber, cable, and patch panel preparation, connectorization of SC and LC connectors, splicing, OTDR and optical loss testing were accomplished in the hands-on labs.



Cameron Karch
INSTRUCTOR

2708-FO-SEA-01 Aug 3-6, 2021
COURSE NUMBER AND COMPLETION DATE

Event Code: OV-LIGHTBR-WA-0321-2, BICSI IIS CECs: 30

Scanned with CamScanner

CERTIFICATE

O F C O M P L E T I O N

Fiber Optics 1-2-3 Installation and Maintenance Course

This is to Certify that

Jennifer Ogg

has completed a four-day seminar on design, installation and maintenance of fiber optic communications systems that consisted of twelve hours of classroom instruction on physical plant, four hours on system design and sixteen hours of hands-on training. Fiber, cable, and patch panel preparation, connectorization of SC and LC connectors, splicing, OTDR and optical loss testing were accomplished in the hands-on labs.



Cameron Karch
INSTRUCTOR

2708-FO-SEA-01 Aug 3-6, 2021
COURSE NUMBER AND COMPLETION DATE

Event Code: OV-LIGHTBR-WA-0321-2; BICSI ITS CECs: 30

Scanned with CamScanner

EXHIBIT B1

4.3 LIC & STAFF

DEPARTMENT OF LABOR & INDUSTRIES

Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

HANSHDC874JR

Eff Date: 6/1/2013

Exp Date: 6/10/2024

HANSHEW, DEAN C

GIG HARBOR, WA 98332

DEPARTMENT OF LABOR & INDUSTRIES
Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

SWEATCE871Q5

Eff Date: 2/28/2017

Exp Date: 2/4/2023

SWEATT, CHARLES ERIC

LAKE STEVENS, WA 98258

DEPARTMENT OF LABOR & INDUSTRIES

Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

WILLIGJ851PR

Eff Date: 4/23/2016

Exp Date: 7/25/2021

WILLIS, GARRETT JOSEPH

FEDERAL WAY, WA 98023

Confirmation Date: 7/12/2021

This temporary license card is valid until: 8/11/2021

THIS IS NOT A LICENSE CARD

Keep this page as your proof of payment.



ELECTRICIAN
Willis, Garrett Joseph



2410 SW 322nd St
Federal Way, WA 98023

License Number: WILLIGJ851PR

Specialty: 06: LIMITED ENERGY

Transaction ID: 108156329

Paid by: Willis, Garrett

\$76.90

This transaction is complete.

DEPARTMENT OF LABOR & INDUSTRIES



Certified as provided by Law as:

Electrician

(EL06) - LIMITED ENERGY

URENAJ*839OG

Eff Date: 1/15/2019

Exp Date: 3/8/2024

URENA, JONATHAN

MONROE, WA 98272

DEPARTMENT OF LABOR & INDUSTRIES



Certified as provided by Law as:

Master Electrician

(ME06) - LIMITED ENERGY

(ME6A) - HVAC/RFRG

FIRTHRT972K1

Eff Date: 5/21/2003

Exp Date: **5/27/2024**

FIRTH, RODNEY T

BOTHELL, WA 98012

DEPARTMENT OF LABOR & INDUSTRIES



Certified as provided by Law as:

Electrician

(EL06) - LIMITED ENERGY

GOODMJA867JC

Eff Date: 1/23/2016

Exp Date: 11/27/2021

GOODMAN, JONATHON A

AUBURN, WA 98002

DEPARTMENT OF LABOR & INDUSTRIES

Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

BLAIRKM851LE

Eff Date: 3/14/2016

Exp Date: **2/16/2022**

BLAIR, KIRK M

ORTING, WA 98360

DEPARTMENT OF LABOR & INDUSTRIES

Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

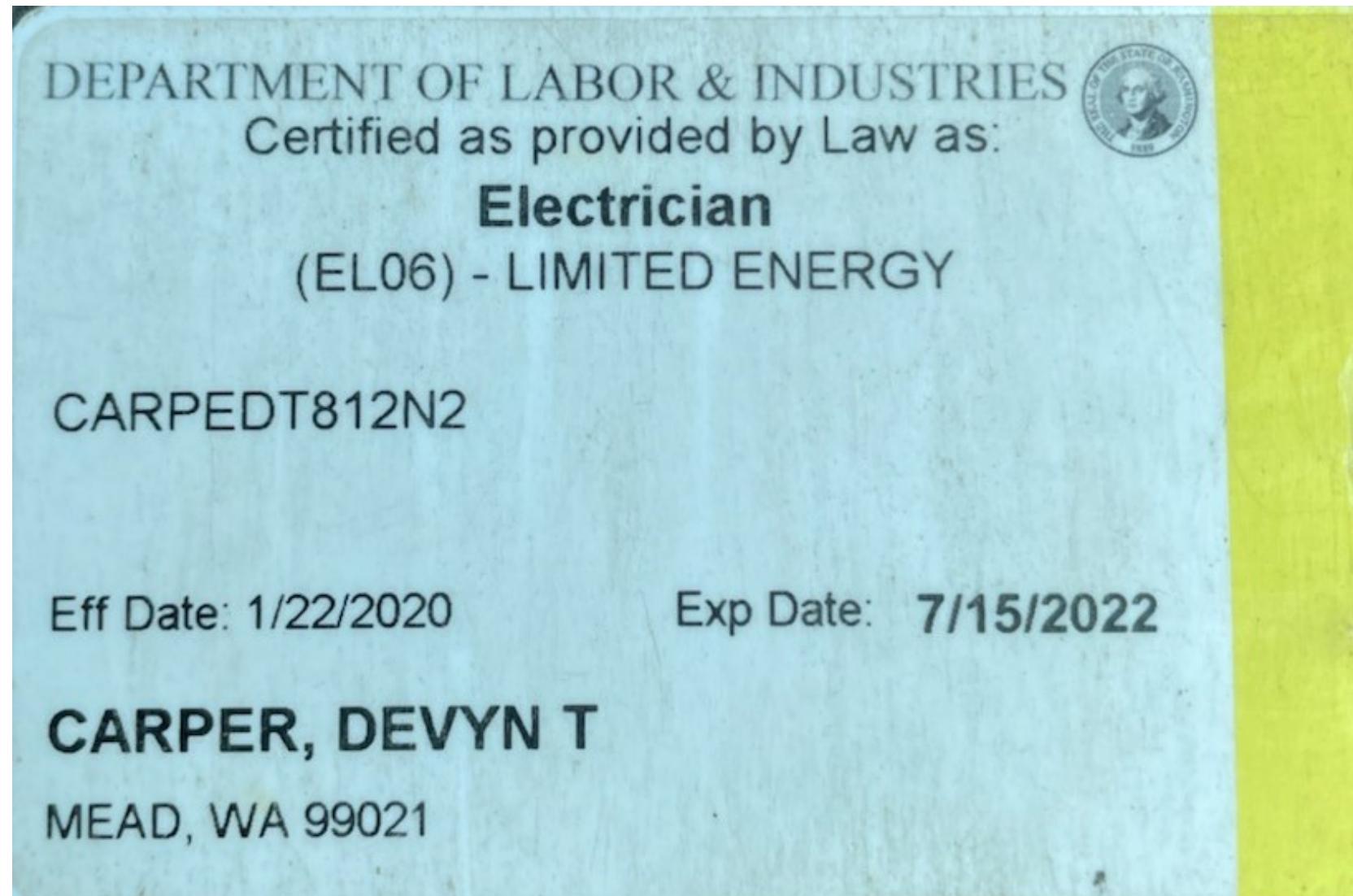
ARREOR*944C1

Eff Date: 4/6/2006

Exp Date: 3/11/2024

ARREOLA, ROLAND

KENT, WA 98030



DEPARTMENT OF LABOR & INDUSTRIES

Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

MCBETCR843QS

Eff Date: 4/13/2021

Exp Date: 10/10/2023

MCBETH, CASEY R

NINE MILE FALLS, WA 99026

DEPARTMENT OF LABOR & INDUSTRIES
Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

BAXTEGT842NA

Eff Date: 1/27/2018

Exp Date: **7/12/2023**

BAXTER, GABRIEL T

CHENEY, WA 99004

DEPARTMENT OF LABOR & INDUSTRIES

Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

ISaacJC802DS

Eff Date: 12/29/2020

Exp Date: 9/26/2023

ISAACSON, JOSHUA C

SPOKANE, WA 99212

DEPARTMENT OF LABOR & INDUSTRIES
Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

GEISSTI913BO

Eff Date: 12/30/2008

Exp Date: **9/14/2023**

GEISS, THEODORE I

SPOKANE, WA 99203

DEPARTMENT OF LABOR & INDUSTRIES

Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

BERLISA844QN

Eff Date: 11/26/2016

Exp Date: 1/1/2022

BERLINGER, SHAWN A

SPOKANE, WA 99205

DEPARTMENT OF LABOR & INDUSTRIES

Certified as provided by Law as:



Electrician

(EL06) - LIMITED ENERGY

HYDORRJ815RK

Eff Date: 7/11/2020

Exp Date: **6/1/2023**

HYDORN, RYAN J

BOTHELL, WA 98021

EXHIBIT B1

4.4 LIC & STAFF

Building Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF

**REGISTERED COMMUNICATIONS
DISTRIBUTION DESIGNER®**

IS AWARDED TO

Daryl S. Ando

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

Designation Number: 216011

Registration Start Date: 01/01/2019

Registration End Date: 12/31/2021



Chair, Registrations & Credentials Supervision Committee



Bicsi
RCDD

Since

09/21/2009



Director of Credentialing

Building Industry Consulting Service International

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**REGISTERED COMMUNICATIONS
DISTRIBUTION DESIGNER®**

IS AWARDED TO

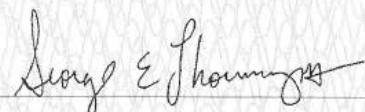
Kirt R Griffis

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

Designation Number: 119651

Registration Start Date: 1/1/2020

Registration End Date: 12/31/2022

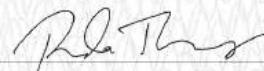


Chair, Registrations & Credentials Supervision Committee



BICSI
RCDD
Since

5/7/2001



Vice President of Credentialing

Building Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF
**REGISTERED COMMUNICATIONS
DISTRIBUTION DESIGNER®**

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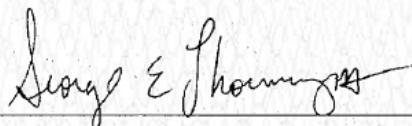
Peter Job

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

Designation Number: 102566

Registration Start Date: 01/01/2019

Registration End Date: 12/31/2021

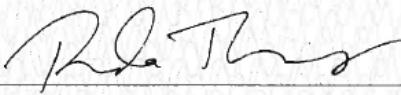


George E. Shommy

Chair, Registrations & Credentials Supervision Committee



Bicsi
RCDD
Since
12/09/1991



Rita Ross
Director of Credentialing

EXHIBIT B1

4.5 LIC & STAFF

