## AGREEMENT BETWEEN THE CITY OF MANHATTAN BEACH AND VARIABLE SPEED SOLUTIONS, INC.

## PURCHASE AND INSTALLATION OF VARIABLE FREQUENCY DRIVE (VFD) for WELL 11A

The following contract ("Contract") is made and entered into as of the last date of full execution ("Effective Date") by and between the City of Manhattan Beach, a California municipal corporation ("City") and Variable Speed Solutions, Inc., a California corporation ("Contractor"). City and Contractor are referred to herein as the "parties."

WHEREAS, City desires to purchase the equipment ("Equipment") listed in **Exhibit A**, Scope of Work and Fee Schedule, and cause the installation thereof;

WHEREAS, City and Contractor now desire to memorialize the terms and conditions of the purchase and installation of a Variable Frequency Drive (VFD) for Well 11A; and

NOW THEREFORE, in consideration of the mutual covenants herein contained, it is agreed:

1. GENERAL SCOPE OF WORK; TERM; TERMINATION: Contractor shall procure, deliver, and furnish all necessary labor, tools, materials, and expertise for installation of the VFD for Well 11A consistent with the Scope of Work and Fee Schedule attached hereto as **Exhibit A**. The installation is to be performed in good and workmanlike manner and in accordance with any further written instructions, if any, of the City Engineer or his/her designated representative. The term of this Contract shall commence upon the Effective Date and, unless terminated as provided herein; shall continue until all required work is completed; fully executed releases as to any and all lien rights of any and all subcontractors have been received by City; and the time within which any liens, stop notices or other claims for payment by subcontractors, laborers, and/or materialmen can be asserted against City has expired.

City may terminate this Contract, without cause, at any time by providing Contractor with not less than 10 days' prior written notice. Provided Contractor is not then in breach, Contractor will be paid for work satisfactorily completed and for all deliverables received.

- 2. TIME OF COMPLETION. Notwithstanding any other provision of this Contract, the completion date for this installation shall be on or before 12/31/2022 ("Completion Date"). Time is of the essence in this Contract.
- 3. INCORPORATED DOCUMENTS TO BE CONSIDERED COMPLEMENTARY: All Exhibits attached hereto are incorporated herein by reference. The documents, payment bond, City insurance requirements, together with this written contract (and all Exhibits,

documents and laws referenced therein), shall constitute the entire agreement between the parties as to the subject matter of this Contract. In the event of any conflict between this Contract and any Exhibit hereto, the provisions of this Contract shall control.

4. FEE SCHEDULE: City agrees to pay to Contractor the sum of \$92,545.82 (the "Maximum Compensation") for the Equipment and prescribed work. This amount is final and shall be paid by City to Contractor in accordance with the schedule set forth in **Exhibit A**. The compensation includes (i) all federal, state and local sales, use, excise, privilege, payroll, occupational and other taxes applicable to the Equipment furnished to City hereunder; and (ii) all charges for packing, freight and transportation to destination.

City will not pay for any services not specified in the Scope of Services, unless the parties authorize such services in writing prior to Contractor's performance of those services or incurrence of additional expenses.

- 5. INSURANCE: Contractor shall not commence work under this Contract until it has obtained insurance with the minimum required limits and coverage as specified in Exhibit B City Insurance Requirements, in a company or companies acceptable to City. Contractor shall not allow any subcontractor to commence work on its subcontract until all insurance required of the subcontractor has been obtained. Contractor shall provide evidence of the required insurance to City's Risk Manager as specified in Exhibit B.
- 6. PREVAILING WAGES: Notwithstanding any statement to the contrary in Contractor's proposal or quote, City and Contractor acknowledge that this project is a public work to which prevailing wages apply. The document titled "Labor Code and Prevailing Wage Requirements" is attached hereto as **Exhibit C**.
- 7. REPRESENTATIONS AND WARRANTIES OF CONTRACTOR: Contractor warrants that the work, including equipment and materials, shall conform to professional standards of care and practice in effect at the time the work is performed. Work shall be of the highest quality, and be free from all faults, defects, or errors.

Contractor shall have good and marketable title to all of the Equipment. All of the Equipment is free and clear of any restrictions on or conditions to transfer or assignment, and City will acquire absolute title to all of the Equipment free and clear of mortgages, liens, pledges, charges, encumbrances, equities, claims, covenants, conditions and restrictions except for such as may be created or granted by City. Contractor is aware that City is purchasing the Equipment for use as a Variable Frequency Drive for Well 11A, and that City is relying on the warranties of Contractor that the Equipment is fit for this purpose and the ordinary purposes for which the Equipment is normally used.

Contractor shall warrant all labor and materials for a period of one (1) year from completion of work. Contractor shall correct such fault, defect, or error, at no additional cost to City. If Contractor fails to correct the problem under the warranty within a reasonable time, City may elect to have the work performed by someone else. Contractor shall refund to City, the charge paid to another contractor for correction of the faulty, defective or incorrect work. All equipment and materials provided by Contractor shall be merchantable and fit for the purpose intended. Contractor shall be liable for secondary, incidental, or consequential damages of any nature resulting from any work performed under this Contract.

- 8. TIME OF DELIVERY AND CONTRACTOR SCHEDULE: The time of Contractor's performance is of the essence for this Agreement. The Equipment will be delivered in accordance with the schedule set forth in **Exhibit A** or as coordinated with the City Engineer. Contractor must immediately notify City in writing any time delivery is behind schedule or may not be completed on schedule. In the event that the Equipment is part of a larger project or projects that require the coordination of multiple Contractors or suppliers, then Contractor will fully cooperate in scheduling the delivery so that City can maximize the efficient completion of such project(s).
- PLACE OF DELIVERY: The Equipment shall be delivered to the following location: Well 11A 3561 Green Lane Redondo Beach, CA 90278
- 10. TITLE AND RISK OF LOSS: Title to and the risk of loss, damage, and destruction of the Equipment shall remain with the Contractor until after inspection and acceptance of the Equipment by City.
- 11. INSPECTION AND ACCEPTANCE: City shall inspect the Equipment at the time and place of delivery. Such inspection may include reasonable tests and use of the Equipment by City. If, in the determination of City, the Equipment fails to conform to the Agreement IN ANY MANNER OR RESPECT, City shall so notify Contractor within ten (10) days of delivery of the Equipment to City. Failing such notice, the Equipment shall be deemed accepted by City as of the date of receipt.
- 12. REJECTION: In the event of such notice of non-conformity by City pursuant to the section entitled "Inspection and Acceptance" above, City may, at its option, (1) reject the whole of the Equipment, (2) accept the whole of the Equipment, or (3) accept any commercial unit or units of the Equipment and reject the remainder. The exercise of any of the above options shall be "without prejudice" and with full reservation of any rights and remedies of City attendant upon a breach. In the event of such notice and election by City, City agrees to comply with all reasonable instructions of Contractor and, in the event that expenses are incurred by City in following such instructions, Contractor shall indemnify City in full for such expenses.
- 13. NO REPLACEMENTS OF CURE: This Agreement calls for strict compliance. Contractor expressly agrees that the Equipment tendered and the tender itself will conform fully to the terms and conditions of the Agreement on the original tender. In the event of rejection by City of the whole of the Equipment or any part thereof pursuant to the section entitled "Rejection" above, City may, but is not required to, accept any

substitute performance from Contractor or engage in subsequent efforts to affect a cure of the original tender by Contractor.

**RESOLUTION OF DISPUTES:** In the event that a dispute arises between City and 14. Contractor regarding whether the conditions materially differ, or cause a decrease or increase in Contractor's cost of or time required for performance of any part of the work, Contractor shall not be excused from any scheduled completion date provided for by this Contract, but shall proceed with all work to be performed under this Contract. Contractor shall retain any and all rights that pertain to the resolution of disputes and protests between the parties. In the event of any dispute or controversy with City over any matter whatsoever, Contractor shall not cause any delay or cessation in or of work, but shall proceed with the performance of the work in dispute. This includes disputed time extension requests and prices for changes. The disputed work will be categorized as an "unresolved dispute" and payment, if any, shall be as later determined by mutual agreement or a court of law. Contractor will keep accurate, detailed records of all disputed work, claims and other disputed matters. For purposes of this section, a "claim" means a separate demand by Contractor for a time extension, payment of money or damages arising from work done by or on behalf of Contractor pursuant to this Contract which is not otherwise expressly provided for, or an amount which is disputed by City. Manhattan Beach Municipal Code Chapter 2.56, governing claims and actions against City, shall govern the procedures of the claim process, and the provisions of Manhattan Beach Municipal Code Chapter 2.56 are hereby incorporated herein.

## 15. INDEMNIFICATION, HOLD HARMLESS, AND DUTY TO DEFEND.

- a. <u>Indemnities</u>.
  - 1) To the fullest extent permitted by law, Contractor shall, at its sole cost and expense, defend, hold harmless and indemnify City and its elected officials, officers, attorneys, agents, employees, designated volunteers, successors, assigns and those City agents serving as independent contractors in the role of City officials (collectively "Indemnitees"), from and against any and all damages, costs, expenses, liabilities, claims, demands, causes of action, proceedings, expenses, judgments, penalties, liens, and losses of any nature whatsoever, including fees of accountants, attorneys, or other professionals and all costs associated therewith and the payment of all consequential damages (collectively "Liabilities"), in law or equity, whether actual, alleged or threatened, which arise out of, are claimed to arise out of, pertain to, or relate to the acts or omissions of Contractor, its officers, agents, servants, employees, subcontractors, materialmen, contractors or their officers, agents, servants or employees (or any entity or individual that Contractor shall bear the legal liability thereof) in the performance of this Agreement, including the Indemnitees' active or passive negligence, except for Liabilities arising from the sole negligence or willful misconduct of the Indemnitees, as determined by judicial decision or by the agreement of the Parties. Contractor shall defend the Indemnitees in any action or actions filed in connection with

any Liabilities with counsel of the Indemnitees' choice, and shall pay all costs and expenses, including all attorneys' fees and experts' costs actually incurred in connection with such defense. Contractor shall reimburse the Indemnitees for any and all legal expenses and costs incurred by Indemnitees in connection therewith.

- 2) Contractor shall pay all required taxes on amounts paid to Contractor under this Agreement, and indemnify and hold City harmless from any and all taxes, assessments, penalties, and interest asserted against City by reason of the independent contractor relationship created by this Agreement. Contractor shall fully comply with the workers' compensation law regarding Contractor and Contractor's employees. Contractor shall indemnify and hold City harmless from any failure of Contractor to comply with applicable workers' compensation laws. City may offset against the amount of any fees due to Contractor under this Agreement any amount due to City from Contractor as a result of Contractor's failure to promptly pay to City any reimbursement or indemnification arising under this subparagraph A.2).
- 3) Contractor shall obtain executed indemnity agreements with provisions identical to those in this Section from each and every subcontractor or any other person or entity involved by, for, with or on behalf of Contractor in the performance of this Agreement. If Contractor fails to obtain such indemnity obligations, Contractor shall be fully responsible and indemnify, hold harmless and defend the Indemnitees from and against any and all Liabilities at law or in equity, whether actual, alleged or threatened, which arise out of, are claimed to arise out of, pertain to, or relate to the acts or omissions of Contractor's subcontractor, its officers, agents, servants, employees, subcontractors, materialmen, contractors or their officers, agents, servants or employees (or any entity or individual that Contractor's subcontractor shall bear the legal liability thereof) in the performance of this Agreement, including the Indemnitees' active or passive negligence, except for Liabilities arising from the sole negligence or willful misconduct of the Indemnitees, as determined by court decision or by the agreement of the Parties.
- b. <u>Workers' Compensation Acts not Limiting</u>. Contractor's indemnifications and obligations under this Section, or any other provision of this Contract, shall not be limited by the provisions of any workers' compensation act or similar act. Contractor expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.
- c. <u>Insurance Requirements not Limiting</u>. City does not, and shall not, waive any rights that it may possess against Contractor because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. The indemnities in this Section shall apply regardless of whether

or not any insurance policies are determined to be applicable to the Liabilities, tax, assessment, penalty or interest asserted against City.

- 16. <u>Survival of Terms</u>. Contractor's indemnifications and obligations under this Section shall survive the expiration or termination of this Agreement.
- 17. NON-DISCRIMINATION: No discrimination shall be made in the employment of persons upon public works because of age, disability, race, color, religion, sex, sexual orientation or national origin of such persons, and every Contractor for public works violating this Section is subject to all the penalties imposed for a violation of Division 2, Part 7, Chapter 1 of the Labor Code in accordance with the provisions of Section 1735 of that Code.
- 18. LICENSES: Contractor is aware of California Labor Code Sections 1777.1 and 1777.7, which prohibit Contractor or any subcontractors who have been found by the Labor Commissioner or the Director of Industrial Relations to be in violation of certain provisions of the Labor Code, from bidding on, being awarded, or performing work as a contractor or subcontractor on a public works project for specified periods of time.

Pursuant to Public Contract Code Section 6109 and California Business and Professions Code Section 7028.15, Contractor shall be licensed as required by the Contractors' State License Board of the State to perform the work. Pursuant to Public Contract Code Section 3300, at all times during the term of this Contract, Contractor shall possess a Class C20 & C10 California contractor's license.

Contractor has investigated and will ensure that any subcontractor possesses a valid specialty trade license in its trade as required by law.

- 19. WARRANTY. The warranty applicable to the equipment and materials purchased by City pursuant to this Contract shall be as specified in **Exhibit A**.
- 20. ANTITRUST CLAIMS: Pursuant to Public Contract Code Section 7103.5, Contractor offers and agrees to assign to City all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the California Business and Professions Code) arising from purchases of goods, services, or materials pursuant to this Contract. This assignment shall be made and become effective at the time City tenders final payment to Contractor without further acknowledgment by the parties.
- 21. OWNERSHIP OF DOCUMENTS AND WORK PRODUCT: All documents, plans, specifications, reports, photographs, images, video files and media created or developed by Contractor pursuant to this Contract ("Written Products") shall be and remain the property of City without restriction or limitation upon its use, duplication or dissemination by City. All Written Products shall be considered "works made for hire," and all Written Products and any and all intellectual property rights arising from their creation, including, but not limited to, all copyrights and other proprietary rights, shall be and remain the property of City without restriction or limitation upon their use,

duplication or dissemination by City. Contractor shall not obtain or attempt to obtain copyright protection as to any Written Products.

Contractor hereby assigns to City all ownership and any and all intellectual property rights to the Written Products that are not otherwise vested in City pursuant to the paragraph directly above.

Contractor warrants and represents that it has secured all necessary licenses, consents or approvals to use any instrumentality, thing or component as to which any intellectual property right exists, including computer software, used in the rendering of the services and the production of all Written Products produced under this Contract, and that City has full legal title to and the right to reproduce the Written Products. Contractor shall defend, indemnify and hold City, and its elected officials, officers, employees, servants, attorneys, designated volunteers, and agents serving as independent contractors in the role of City officials, harmless from any loss, claim or liability in any way related to a claim that City's use of any of the Written Products is violating federal, State or local laws, or any contractual provisions, or any laws relating to trade names, licenses, franchises, copyrights, patents or other means of protecting intellectual property rights and/or interests in products or inventions. Contractor shall bear all costs arising from the use of patented, copyrighted, trade secret or trademarked documents, materials, equipment, devices or processes in connection with its provision of the services and Written Products produced under this Contract. In the event the use of any of the Written Products or other deliverables hereunder by City is held to constitute an infringement and the use of any of the same is enjoined, Contractor, at his or her expense, shall: (a) secure for City the right to continue using the Written Products and other deliverables by suspension of any injunction, or by procuring a license or licenses for City; or (b) modify the Written Products and other deliverables so that they become non-infringing while remaining in compliance with the requirements of this Contract. This covenant shall survive the termination of this Contract.

Upon termination, abandonment or suspension of the Project, Contractor shall deliver to City all Written Products and other deliverables related to the project. If Contractor prepares a document on a computer, Contractor shall provide City with that document both in a printed format and in an acceptable electronic format.

22. THIRD-PARTY CLAIM: Pursuant to Public Contract Code Section 9201, City has full authority to compromise or otherwise settle any claim relating to this Contract at any time. City shall timely notify Contractor of the receipt of any third-party claim relating to this Contract. City shall be entitled to recover its reasonable costs incurred in providing the notification required by Public Contract Code Section 9201(b).

## 23. <u>Payment Bond</u>: $\mathbf{\overline{P}}$ **REQUIRED** – or – $\mathbf{\overline{P}}$ **NOT REQUIRED**

Contractor shall obtain a payment bond in an amount that is not less than the total compensation amount of this Contract, and nothing in this Contract shall be read to excuse this requirement. The required form entitled Payment Bond (Labor and Materials) is attached hereto as <u>Exhibit D</u> and incorporated herein by this reference

24. INDEPENDENT CONTRACTOR: Contractor is and shall at all times remain, as to City, a wholly independent contractor. The personnel performing the Services under this Contract on behalf of Contractor shall at all times be under Contractor's exclusive direction and control. Neither City nor any of its officers, officials, employees, agents, or volunteers shall have control over the conduct of Contractor or any of Contractor's employees except as set forth in this Contract, and Contractor is free to dispose of all portions of its time and activities which it is not obligated to devote to City in such a manner and to such persons, firms, or corporations as Contractor wishes except as expressly provided in this Contract. Contractor shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise act on behalf of City as an agent.

Contractor shall not, at any time or in any manner, represent that it or any of its agents, servants or employees are in any manner agents, servants or employees of City. Contractor agrees to pay all required taxes on amounts paid to Contractor under this Contract, and to indemnify and hold City harmless from any and all taxes, assessments, penalties, and interest asserted against City by reason of the independent contractor relationship created by this Contract. Contractor shall fully comply with the workers' compensation law regarding Contractor and its employees, and Contractor further agrees to indemnify and hold City harmless from any failure of Contractor to comply with applicable workers' compensation laws. City shall have the right to offset against the amount of any fees due to Contractor under this Contract any amount due to City from Contractor as a result of its failure to promptly pay to City any reimbursement or indemnification arising under this Section.

- 25. ASSIGNMENT: Contractor shall not assign or transfer any interest in this Contract or any part thereof, whether by assignment or novation, without City's prior written consent. Any purported assignment without written consent shall be null and void, and Contractor shall hold harmless, defend and indemnify City and its officers, officials, employees, agents and representatives with respect to any claim, demand or action arising from any unauthorized assignment.
- 26. GOVERNING LAW AND VENUE: Should either party to this Contract bring legal action against the other, the validity, interpretation, and performance of this Contract shall be controlled by and construed under the laws of the State of California, excluding California's choice of law rules. Venue for any such action relating to this Contract shall be in the Los Angeles County Superior Court.
- 27. ATTORNEYS' FEES: If any legal action or other proceeding, including action for declaratory relief, is brought for the enforcement of this Contract or because of an alleged dispute, breach, default or misrepresentation in connection with this Contract, the prevailing party shall be entitled to recover actual attorneys' fees, experts' fees, and other costs, in addition to any other relief to which the party may be entitled.
- 28. COMPLIANCE WITH LAWS: Contractor shall comply with all applicable federal, state and local laws, ordinances, codes and regulations in force at the time Contractor provides the services pursuant to this Agreement.

29. NOTICES: Except as otherwise required by law, any notice, request, direction, demand, payment, consent, waiver, approval or other communication required or permitted to be given hereunder to City shall not be effective unless it is given in writing and shall be delivered (a) in person or (b) by certified mail, postage prepaid, and addressed to City at the address stated below, or at such other address as City may hereafter notify Contractor in writing as aforementioned:

To CITY:

To CONTRACTOR:

Lou Vargas, Utilities Manager	Brian Pavloff, President
City of Manhattan Beach	Variable Speed Solutions, Inc.
3621 Bell Ave	16182 Gothard Street Unit I
Manhattan Beach, California 90266	Huntington Beach, CA 92647
Telephone: 310-802-5320	Telephone: 714-847-5957 Ext 24
Email: lvargas@manhattanbeach.gov	Email: brian@variablespeedsolutions.com

If sent by mail, any notice, tender, demand, delivery or other communication shall be deemed effective three business days after it has been deposited in the United States mail. For purposes of communicating these time frames, weekends and federal, State, religious, County of Los Angeles or City holidays shall be excluded. No communication via facsimile or electronic mail shall be effective to give any such notice or other communication hereunder.

- 30. ENTIRE AGREEMENT: This Contract, including any other documents incorporated herein by reference, represents the entire integrated agreement between City and Contractor and supersedes all prior or contemporaneous negotiations, representations, agreements, understandings and statements, written or oral. This Contract may only be modified or amended, or provisions or breach may be waived, by written agreement signed by both parties. The provision of this Contract shall govern over any inconsistent provisions contained in any Exhibit.
- 31. NON-WAIVER OF TERMS, RIGHTS AND REMEDIES: Waiver by either party of any one or more of the conditions of performance under this Contract shall not be a waiver of any other condition of performance under this Contract. In no event shall the making by City of any payment to Contractor constitute or be construed as a waiver by City of any breach of covenant, or any default which may then exist on the part of Contractor, and the making of any such payment by City shall in no way impair or prejudice any right or remedy available to City with regard to such breach or default.
- 32. SEVERABILITY: Whenever possible, each provision of this Contract shall be interpreted in such a manner as to be valid under applicable law. If any term or portion of this Contract is determined by a court of competent jurisdiction to be invalid, void, illegal, or unenforceable, the remaining provisions of this Contract shall nevertheless continue in full force and effect and shall in no way be affected, impaired or invalidated.

## REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, the parties hereto have caused these present to be duly executed with all the formalities required by law on the respective dates set forth opposite their signatures.

# CITY OF MANHATTAN BEACH,<br/>a California municipal corporationVARIABLE SPEED SOLUTIONS, INC.<br/>a California corporation

By: \_\_\_\_\_

Bruce Moe, City Manager

ATTEST:

By: \_\_\_\_\_\_ Name: Brian Pavloff Title: President

Liza Tamura, City Clerk

APPROVED AS TO FORM:

## **PROOF OF AUTHORITY TO BIND CONTRACTING PARTY REQUIRED**

Quinn M. Barrow, City Attorney

APPROVED AS TO FISCAL CONTENT:

By: <u>Name: Steve S. Charelian</u> Title: Finance Director

APPROVED AS TO CONTENT:

Title: Public Works Director

## Exhibit A

## SCOPE OF WORK AND FEE SCHEDULE

#### PROPOSAL Variable Frequency Drive

Date: August 11, 2021

City Of Manhattan Beach Attn: Luo Vargas 1400 Highland Avenue Manhattan Beach, CA. 90266

Quotation Number VSS-21- 5910250310 Quoted by Brian Pavloff

Thank you for your interest in Variable Speed Solutions. In accordance with your request, we propose to supply a UL Listed VFD Package per request and drawings.

#### Statement of Work

#### GENERAL

- Contractor should have any questions related to the VFD installation at the plant should reach plant maintenance personnel for assistance.
- Contractor workers will attend City safety training prior to starting work at plant.
- Contractor should notify maintenance personnel for any concerns onsite
- All installations shall comply with California Electrical Code (CEC) and National Electrical Code (NEC)
- Contractor is to provide schedule of project prior to work.
- Electrical and Equipment installations are performed by authorized-dealer

#### Power Off

- Coordinate with plant maintenance personnel prior to performing any work to existing Toshiba Variable Frequency Drive (VFD) and Distributed Control System (DCS).
- Apply Lock-out <u>AND</u> Tag-out (LOTO) to main service breakers
- Verify power is turned off and power cables and DSC control wiring are secured (Not Exposed)

#### EQUIPMENT

Provide qty. (1) M# ACQ580-01-414A-4 ABB Water 414 -amp 350 HP Drive features:

#### VFD Package

- UL 508a Listed Control Panel
- Free Standing NEMA 3R Enclosure
  - Carbon steel with Powder Coat Finish
  - Panel Major Components
    - Power and Soft Starter Bypass
    - Variable Speed Drive
    - Controls
  - Forced Air Cooling
- Type 1 Surge Protection w/status indicators
- Main CB Disconnect
- Control Power Transformer with primary/secondary fusing
- 24 Vdc Power Supply
- Motor Space Heater Circuit
- ACQ 580 350 HP
  - High Speed Fuses
- Dual Interlocked 350 HP rated Contactors -VFD & RVSS Bypass
- 350 HP Reduced Voltage Soft Starter with Integral Bypass Contactor
- Door Mounted Devices
  - Keypad
  - Soft Starter Keypad
  - AB "Full Size" 30 mm N4 Door Devices
    - Hand Off Auto Switch
    - Manual Speed Pot
    - 2 Position Selector Switch VFD-Bypass
    - Push Button Reset
    - Pilot Lights LED PTT
      - 2 Ea. Green Light
      - 2 Ea. Red Light
- 1 Lot of relays, terminal strips as required
- 1 Lot SCADA Interface Terminals

#### VFD Installation – Prevailing Wages

- Provide ABB certified installation services to ensure proper installation of new system as detailed below:
  - Provide labor and materials to form and pour 68" by 25" by 4" concrete housekeeping pad for new VFD Package.
  - > Provide required labor and rigging to set new VFD package on new housekeeping pad.
  - Provide required labor and materials to run new line, load, control conduits per job walk and details. All conduits shall be galvanized ridged conduit type.
  - Connect power cables and terminated into the new VFD per NEC.
  - Connect all DCS inputs, outputs and required low voltage SCADA interface.
  - Check complete installation
  - Coordinate with plant maintenance personnel prior to turn power on to remove LOTO for VFD prior to start-up of VFD.

#### Services for Start Up

- Provide ABB certified start-up services to ensure proper operation and calibration of new system as detailed below:
  - Complete system testing for all ranges of speed to include current and voltage data by phase.
  - Provide power quality meter testing with complete harmonics analysis throughout the speed ranges to ensure IEEE-519 compliance. NOTE: VFD is not a ULH and was not specified as one.
  - Provide complete thermal imaging after extended run time to test and verify proper wiring connections.
  - Provide complete written documentation of all data and start up comments.
  - Submit documentation of VFD including as-built, installation manuals, electrical Schematics, Technical manuals, Instructional manuals, Electrical drawings, and any other documentation specifically related to the VFD equipment and installations.
  - Factory train the site service personnel, so they are thoroughly familiar with the VFD This is to be completed the same day as start up.

#### PRICING

EQUIPMENT and MATERIALS COST:	\$53,156.00
Sales Tax @ 9.5%	\$5,049.82
ESTIMATED FREIGHT	\$1,800.00
INSTALLATION COST:	\$29,740.00
START UP COST:	\$2,800.00
TOTAL PROJECT COST:	\$92,545.82

OPTIONAL ADD COST TO SUBSTITUTE ALLEN BRADLEY IN LIEU OF ABB Allen Bradley Adder \$15,974.00 INT.

Allen Bradley Power Flex 755 VFD rated at 350 HP Normal Duty

Allen Bradley Soft Starter WITH INTEGRAL BYPASS CONTACTOR

#### FOB: Dallas

#### Lead Time:

- 4-5 weeks for submittals
- 12-14 weeks after approved submittals

NOTE: Delivery times are estimated only and will be confirmed after Notice to Proceed

#### EXCLUSIONS

- Overtime Labor
- o Existing power, transformer, or structures
- Existing controls
- Existing power and controls cabling
- o Bonding of any kind
- o IEEE-519 compliance
- Liquidated Damages
- o Any item not specifically mentioned in the above proposal

## Exhibit B

## **CITY INSURANCE REQUIREMENTS**

A. <u>Minimum Scope and Limits of Insurance</u>. Contractor shall procure and at all times during the term of this Contract carry, maintain, and keep in full force and effect, insurance as follows:

1) Commercial General Liability Insurance with a minimum limit of \$2,000,000.00 per occurrence for bodily injury, personal injury and property damage and a general aggregate limit of \$2,000,000.00 per project or location. If Contractor is a limited liability company, the commercial general liability coverage shall be amended so that Contractor and its managers, affiliates, employees, agents and other persons necessary or incidental to its operation are insureds.

2) Automobile Liability Insurance for any owned, non-owned or hired vehicle used in connection with the performance of this Contract with a combined single limit of \$2,000,000.00 per accident for bodily injury and property damage. If Contractor does not use any owned, non-owned or hired vehicles in the performance of Services under this Agreement, Contractor shall obtain a non-owned auto endorsement to the Commercial General Liability policy required under subparagraph A.1) of this **Exhibit B**.

3) Workers' Compensation Insurance as required by the State of California and Employer's Liability Insurance with a minimum limit of \$1,000,000.00 per accident for bodily injury or disease. If Contractor has no employees while performing Services under this Contract, workers' compensation policy is not required, but Contractor shall execute a declaration that it has no employees.

4) Professional Liability/Errors & Omissions Insurance with minimum limits of \$2,000,000.00 per claim and in aggregate.

B. <u>Acceptability of Insurers</u>. The insurance policies required under this **Exhibit B** shall be issued by an insurer admitted to write insurance in the State of California with a rating of A:VII or better in the latest edition of the A.M. Best Insurance Rating Guide. Self insurance shall not be considered to comply with the insurance requirements under Section 6 of the Contract.

C. <u>Additional Insured</u>. The commercial general and automobile liability policies shall contain an endorsement naming City, its officers, employees, agents and volunteers as additional insureds.

D. <u>Primary and Non-Contributing</u>. The insurance policies required under this Contract shall apply on a primary non-contributing basis in relation to any other insurance or

self-insurance available to City. Any insurance or self-insurance maintained by City, its officers, employees, agents or volunteers, shall be in excess of Contractor's insurance and shall not contribute with it.

E. <u>Contractor's Waiver of Subrogation</u>. The insurance policies required under this Contract shall not prohibit Contractor and Contractor's employees, agents or subcontractors from waiving the right of subrogation prior to a loss. Contractor hereby waives all rights of subrogation against City.

F. <u>Deductibles and Self-Insured Retentions</u>. Any deductibles or self-insured retentions must be declared to and approved by City. At City's option, Contractor shall either reduce or eliminate the deductibles or self-insured retentions with respect to City, or Contractor shall procure a bond guaranteeing payment of losses and expenses.

G. <u>Cancellations or Modifications to Coverage</u>. Contractor shall not cancel, reduce or otherwise modify the insurance policies required by this Contract during the term of this Contract. The commercial general and automobile liability policies required under this Contract shall be endorsed to state that should the issuing insurer cancel the policy before the expiration date, the issuing insurer will endeavor to mail 30 days' prior written notice to City. If any insurance policy required under Contract is canceled or reduced in coverage or limits, Contractor shall, within two business days of notice from the insurer, phone, fax or notify City via certified mail, return receipt requested, of the cancellation of or changes to the policy.

H. <u>City Remedy for Noncompliance</u>. If Contractor does not maintain the policies of insurance required under this Contract in full force and effect during the term of this Contract, or in the event any of Contractor's policies do not comply with the requirements under **Exhibit B**, City may either immediately terminate this Contract or, if insurance is available at a reasonable cost, City may, but has no duty to, take out the necessary insurance and pay, at Contractor's expense, the premium thereon. Contractor shall promptly reimburse City for any premium paid by City or City may withhold amounts sufficient to pay the premiums from payments due to Contractor.

I. <u>Evidence of Insurance</u>. Prior to the performance of Services under this Contract, Contractor shall furnish City's Risk Manager with a certificate or certificates of insurance and all original endorsements evidencing and effecting the coverages required under this Contract. The endorsements are subject to City's approval. Contractor may provide complete, certified copies of all required insurance policies to City. Contractor shall maintain current endorsements on file with City's Risk Manager. Contractor shall provide proof to City's Risk Manager that insurance policies expiring during the term of this Contract have been renewed or replaced with other policies providing at least the same coverage. Contractor shall furnish such proof at least two weeks prior to the expiration of the coverages.

J. <u>Indemnity Requirements not Limiting</u>. Procurement of insurance by Contractor shall not be construed as a limitation of Contractor's liability or as full performance of Contractor's duty to indemnify City under Section 10 of this Contract.

K. <u>Broader Coverage/Higher Limits</u>. If Contractor maintains broader coverage and/or higher limits than the minimums required above, City requires and shall be entitled to the broader coverage and/or the higher limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.

L. <u>Subcontractor Insurance Requirements</u>. Contractor shall require each of its subcontractors that perform Services under this Contract to maintain insurance coverage that meets all of the requirements of this **Exhibit B**.

## Exhibit C

## LABOR CODE AND PREVAILING WAGE REQUIREMENTS

1. Contractor acknowledges that the project as defined in this Contract between Contractor and the City, to which this Terms for Compliance with California Labor Law Requirements is attached and incorporated by reference, is a "public work" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Contractor acknowledges that this Contract is subject to (a) Chapter 1, including without limitation Labor Code Section 1771 and (b) the rules and regulations established by the Director of Industrial Relations ("DIR") implementing such statutes. Contractor shall perform all work on the project as a public work. Contractor shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 of this **Exhibit C**.

3. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Contract are on file at City Hall and will be made available to any interested party on request. Contractor acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Contractor shall post such rates at each job site covered by this Contract.

4. The project is subject to compliance monitoring and enforcement by the DIR. Contractor shall post job site notices, as prescribed by regulation.

5. Contractor shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. Contractor shall, as a penalty to the City, forfeit two hundred dollars (\$200) for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Contract by Contractor or by any subcontractor.

6. Contractor shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Contractor and each subcontractor to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform the City of the location of the records. Contractor and each subcontractor shall comply with and be bound by the provisions of Labor Code Section 1771.4(a)(3), which requires that each Contractor and each subcontractor shall furnish the records specified in Section 1776 directly to the Labor Commissioner at least monthly, in a format prescribed by the Labor Commissioner.

7. Contractor shall comply with and be bound by the provisions of Labor Code Sections 1777.5, 1777.6 and 1777.7 and California Administrative Code Title 8, Section 200 et seq. concerning the employment of apprentices on public works projects. Contractor shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Contract, Contractor shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within sixty (60) days after concluding work pursuant to this Contract, Contractor and each of its subcontractors shall submit to the City a verified statement of the journeyman and apprentice hours performed under this Contract.

8. Contractor acknowledges that eight hours labor constitutes a legal day's work. Contractor shall comply with and be bound by Labor Code Section 1810. Contractor shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. Contractor shall, as a penalty to the City, forfeit twenty-five dollars (\$25) for each worker employed in the performance of this Contract by Contractor or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code Section 1815, work performed by employees of Contractor in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

9. Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Contractor hereby certifies as follows:

"I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake selfinsurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

10. For every subcontractor who will perform work on the project, Contractor shall be responsible for such subcontractor's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Contractor shall include in the written contract between it and each subcontractor a copy of those statutory provisions and a requirement that each subcontractor shall comply with those statutory provisions. Contractor shall be required to take all actions necessary to enforce such contractual provisions and ensure subcontractor's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subcontractor and upon becoming aware of the failure of the subcontractor to pay his or her workers the specified prevailing rate of wages. Contractor shall diligently take corrective action to halt or rectify any failure.

11. To the maximum extent permitted by law, Contractor shall indemnify, hold harmless and defend (at Contractor's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent contractors serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation,

fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Contractor, its subcontractors, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with this Contract, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Contractor under this Section shall survive termination of this Contract. ORIGINAL

ISSUED IN TWO ORIGINAL COUNTERPARTS. COUNTERPART NO. \_\_\_\_\_ OF \_\_\_\_.

## EXHIBIT D

## PAYMENT BOND (LABOR AND MATERIALS)

BOND NO. 024248018 PREMIUM: \$903.00

THE PREMIUM IS PREDICATED ON THE FINAL CONTRACT PRICE AND IS SUBJECT TO ADJUSTMENT.

Bond No.024248018

## KNOW ALL PERSONS BY THESE PRESENTS that:

WHEREAS the City of Manhattan Beach ("City"), State of California, has awarded to Variable Speed Solutions, Inc. ("Principal") a contract (the "Contract") for the purchase and installation of the Variable Frequency Drive for Well 11A.

WHEREAS, under the terms of the Contract, the Principal is required before entering upon the performance of the work, to file a good and sufficient payment bond with the City to secure the claims to which reference is made in Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code.

NOW, THEREFORE, we, the undersigned Principal, and <u>The Ohio Casualty Insurance Company</u> - <u>1615 Murray Canyon Rd. Suite 200, San Diego, CA 92108</u>

#### (Name and address of Surety)

("Surety") a duly admitted surety insurer under the laws of the State of California, as Surety, are held and firmly bound unto the City and all contractors, subcontractors, laborers, material suppliers, and other persons employed in the performance of the Contract and referred to in Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code in the penal sum of <u>ninety-two thousand five hundred and forty-five dollars and eight two cents</u> (\$92,545.82), for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to this work or labor, that the surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by City in successfully enforcing this obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this Bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this Bond.

Upon expiration of the time within which the California Labor Commissioner may serve a civil wage and penalty assessment against the principal, any of its subcontractors, or both the principal and its subcontractors pursuant to Labor Code Section 1741, and upon expiration of the time within which a joint labor management committee may commence an action against the principal, any of its subcontractors, or both the principal and its subcontractors pursuant to Labor Code Section 1771.2, if the condition of this Bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

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The Surety hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or the specifications accompanying the same shall in any manner affect its obligations on this Bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

IN WITNESS WHEREOF, two identical counterparts of this instrument, each of which shall for all purposes be deemed an original hereof, have been duly executed by Principal and Surety, on the date set forth below, the name of each corporate party being hereto affixed and these presents duly signed by its undersigned representative(s) pursuant to authority of its governing body.

Dated: October 1, 2021

"Principal"

"Surety"

Variable Speed Solutions, Inc.

The Ohio Casualty Insurance Company

By Its: Brian Pavloff, President & Owner See Attached: The

By: Its: Renae N. Balderas, Attorney In Fact

(Seal)

(Seal)

Note: This Bond must be executed in duplicate and dated, all signatures must be notarized, and evidence of the authority of any person signing as attorney-in-fact must be attached. IF CONTRACTOR IS A PARTNERSHIP, ALL PARTNERS MUST EXECUTE BOND. DATE OF BOND MUST NOT BE PRIOR TO DATE OF CONTRACT. Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

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This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

> Liberty Mutual Insurance Company The Ohio Casualty Insurance Company West American Insurance Company

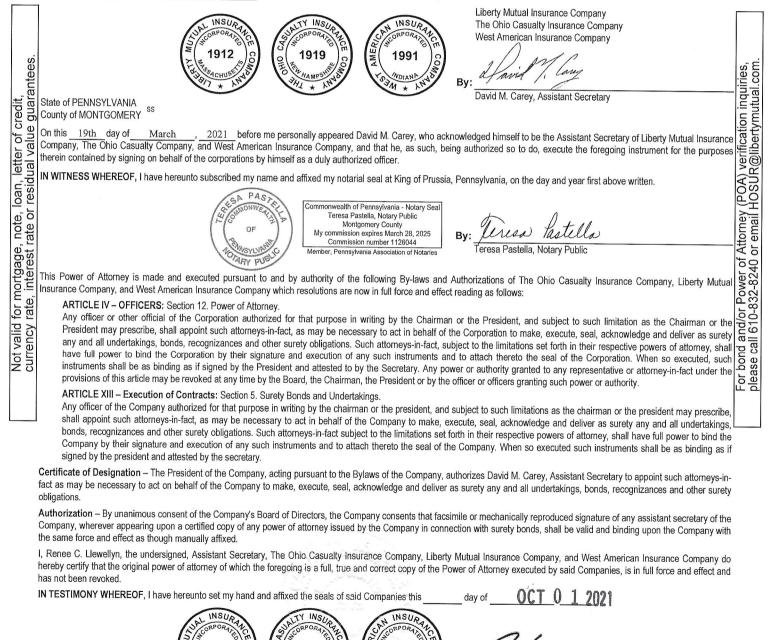
Certificate No: 8205066 - 972008

## **POWER OF ATTORNEY**

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, <u>Jennifer K.</u> Green; Julia B. Bales; Kenneth A. Coate; Renae N. Balderas; Stephanie D. Fisher

all of the city of <u>Riverside</u> state of <u>CA</u> each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this <u>19th</u> day of <u>March</u>, <u>2021</u>.



1991

By:

Renee C. Llewellyn, Assistant Secretary

1919

LMS-12873 LMIC OCIC WAIC Multi Co 02/21

ACKNOWLE	DGMENT
A notary public or other officer completing this certificate verifies only the identity of the individu who signed the document to which this certificate attached, and not the truthfulness, accuracy, or validity of that document.	
State of California County of Orange)	
Onоч ( 2021 before me,	Evan Nelson, Notary Public (insert name and title of the officer)
personally appeared <u>Brian</u> Pavloff who proved to me on the basis of satisfactory evid subscribed to the within instrument and acknowled his/her/their authorized capacity(ies), and that by h person(s), or the entity upon behalf of which the per- l certify under PENALTY OF PERJURY under the paragraph is true and correct.	lged to me that he/she/they executed the same in nis/her/their signature(s) on the instrument the erson(s) acted, executed the instrument.
WITNESS my hand and official seal.	EVAN NELSON Commission # 2312796 Notary Public - California Santa Cruz County My Comm. Expires Nov. 17, 2023
Signature	(Seal)

### **CALIFORNIA ACKNOWLEDGMENT**

#### CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Ca	lifornia		)
County of _	Riverside		}
On	OCT 0 1 2021	before me,	Karina J. Alvarado, Notary Public
	Date		Here Insert Name and Title of the Officer
personally appeared			Renae N. Balderas
			Name(s) of Sianer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are-subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

alvalado Signature 4

Place Notary Seal and/or Stamp Above

Signature of Notary Public

**OPTIONAL** 

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Number of Pages:
er's Name: rporate Officer – Title(s): rtner – 🗆 Limited 🗆 General lividual 🔹 Attorney in Fact ustee 💷 Guardian or Conservator her: er is Representing:

©2019 National Notary Association

## STATE OF CALIFORNIA DEPARTMENT OF INSURANCE SAN FRANCISCO

## Amended Certificate of Authority

THIS IS TO CERTIFY, That, pursuant to the Insurance Code of the State of California,

The Ohio Casualty Insurance Company

of New Hampshire, organized under the laws of New Hampshire, subject to its Articles of Incorporation or other fundamental organizational documents, is hereby authorized to transact within this State, subject to all provisions of this Certificate, the following classes of insurance:

Fire, Marine, Surety, Plate Glass, Liability, Workers' Compensation, Common Carrier Liability, Boiler and Machinery, Burglary, Credit, Sprinkler, Automobile and Miscellaneous

as such classes are now or may hereafter be defined in the Insurance Laws of the State of California. THIS CERTIFICATE is expressly conditioned upon the holder hereof now and hereafter being in full compliance with all, and not in violation of any, of the applicable laws and lawful requirements made under authority of the laws of the State of California as long as such laws or requirements are in effect and applicable, and as such laws and requirements now are, or may hereafter be changed or amended.



IN WITNESS WHEREOF, effective as of the  $19^{th}$  day of March, 2013, I have hereunto set my hand and caused my official seal to be affixed this  $19^{th}$  day of March, 2013.

Dave Jones Insurance Commissioner

Valerie J. Sarfaty for Nettie Hoge Chief Deputy

NOTICE:

Qualification with the Secretary of State must be accomplished as required by the California Corporations Code promptly after issuance of this Certificate of Authority. Failure to do so will be a violation of Insurance Code section 701 and will be grounds for revoking this Certificate of Authority pursuant to the covenants made in the application therefor and the conditions contained herein.

By