

**Standard Professional Services Agreement (“PSA”)
Revision G – October 2021**

AGREEMENT FOR PROFESSIONAL SERVICES

This agreement ("Agreement"), dated as of **July 08, 2025** (“Effective Date”) is by and between the County of Sonoma, a political subdivision of the State of California (hereinafter "County"), and Cignus Consulting, LLC_ (hereinafter "Consultant").

R E C I T A L S

WHEREAS, Consultant represents that it is a duly qualified and experienced in the preparation of airport approach development and feasibility studies and related services; and

WHEREAS, in the judgment of the Department of Transportation and Sonoma County Department of Public Infrastructure, it is necessary and desirable to employ the services of Consultant for an approved and implemented approach development feasibility study.

NOW, THEREFORE, in consideration of the foregoing recitals and the mutual covenants contained herein, the parties hereto agree as follows:

A G R E E M E N T

1. Scope of Services.

1.1 Consultant's Specified Services.

Consultant shall perform the services described in Exhibit “A,” attached hereto and incorporated herein by this reference (hereinafter "Scope of Work"), and within the times or by the dates provided for in Exhibit “A” and pursuant to Article 7, Prosecution of Work. In the event of a conflict between the body of this Agreement and Exhibit “A”, the provisions in the body of this Agreement shall control.

1.2 Cooperation With County. Consultant shall cooperate with County and County staff in the performance of all work hereunder.

1.3 Performance Standard. Consultant shall perform all work hereunder in a manner consistent with the level of competency and standard of care normally observed by a person practicing in Consultant's profession. County has relied upon the professional ability and training of Consultant as a material inducement to enter into this Agreement. Consultant hereby agrees to provide all services under this

Agreement in accordance with generally accepted professional practices and standards of care, as well as the requirements of applicable federal, state and local laws, it being understood that acceptance of Contractor's work by County shall not operate as a waiver or release. If County determines that any of Consultant's work is not in accordance with such level of competency and standard of care, County, in its sole discretion, shall have the right to do any or all of the following: (a) require Consultant to meet with County to review the quality of the work and resolve matters of concern; (b) require Consultant to repeat the work at no additional charge until it is satisfactory; (c) terminate this Agreement pursuant to the provisions of Article 4; or (d) pursue any and all other remedies at law or in equity.

1.4 Assigned Personnel.

- a. Consultant shall assign only competent personnel to perform work hereunder. In the event that at any time County, in its sole discretion, desires the removal of any person or persons assigned by Consultant to perform work hereunder, Consultant shall remove such person or persons immediately upon receiving written notice from County.
- b. Any and all persons identified in this Agreement or any exhibit hereto as the project manager, project team, or other professional performing work hereunder are deemed by County to be key personnel whose services were a material inducement to County to enter into this Agreement, and without whose services County would not have entered into this Agreement. Consultant shall not remove, replace, substitute, or otherwise change any key personnel without the prior written consent of County.
- c. In the event that any of Consultant's personnel assigned to perform services under this Agreement become unavailable due to resignation, sickness or other factors outside of Consultant's control, Consultant shall be responsible for timely provision of adequately qualified replacements.

2. Payment.

For all services and incidental costs required hereunder, Consultant shall be paid in accordance with the following terms:

For all services and incidental costs required hereunder, Consultant shall be paid on a time and material/expense basis in accordance with the budget set forth in Exhibit B, provided, however, that total payments to Consultant shall not exceed Phase II total costs of \$275,000.00, without the prior written approval of County.

Consultant shall submit its bills in arrears on a monthly basis in a form approved by County's Auditor and the Head of the County Department receiving the services. The bills shall show or include: (i) the task(s) performed; (ii) the time in quarter hours

devoted to the task(s); (iii) the hourly rate or rates of the persons performing the task(s); and (iv) copies of receipts for reimbursable materials/expenses, if any. Expenses not expressly authorized by the Agreement shall not be reimbursed.

Unless otherwise noted in this Agreement, payments shall be made within the normal course of County business after presentation of an invoice in a form approved by the County for services performed. Payments shall be made only upon the satisfactory completion of the services as determined by the County.

Pursuant to California Revenue and Taxation code (R&TC) Section 18662, the County shall withhold seven percent of the income paid to Consultant for services performed within the State of California under this agreement, for payment and reporting to the California Franchise Tax Board, if Consultant does not qualify as: (1) a corporation with its principal place of business in California, (2) an LLC or Partnership with a permanent place of business in California, (3) a corporation/LLC or Partnership qualified to do business in California by the Secretary of State, or (4) an individual with a permanent residence in the State of California.

If Consultant does not qualify, County requires that a completed and signed Form 587 be provided by the Consultant in order for payments to be made. If Consultant is qualified, then the County requires a completed Form 590. Forms 587 and 590 remain valid for the duration of the Agreement provided there is no material change in facts. By signing either form, the Consultant agrees to promptly notify the County of any changes in the facts. Forms should be sent to the County pursuant to Article 12. To reduce the amount withheld, Consultant has the option to provide County with either a full or partial waiver from the State of California.

3. Term of Agreement. The term of this Agreement shall be for a period of three calendar years from the date of the execution of this agreement, unless terminated earlier in accordance with the provisions of Article 4 below.

4. Termination.

4.1 Termination Without Cause. Notwithstanding any other provision of this Agreement, at any time and without cause, County shall have the right, in its sole discretion, to terminate this Agreement by giving 5 days written notice to Consultant.

4.2 Termination for Cause. Notwithstanding any other provision of this Agreement, should Consultant fail to perform any of its obligations hereunder, within the time and in the manner herein provided, or otherwise violate any of the terms of this Agreement, County may immediately terminate this Agreement by giving Consultant written notice of such termination, stating the reason for termination.

4.3 Delivery of Work Product and Final Payment Upon Termination.

In the event of termination, Consultant, within 14 days following the date of termination, shall deliver to County all reports, original drawings, graphics, plans, studies, and other data or documents, in whatever form or format, assembled or prepared by Consultant or Consultant's subcontractors, consultants, and other agents in connection with this Agreement and shall submit to County an invoice showing the services performed, hours worked, and copies of receipts for reimbursable expenses up to the date of termination.

4.4 Payment Upon Termination. Upon termination of this Agreement by County, Consultant shall be entitled to receive as full payment for all services satisfactorily rendered and reimbursable expenses properly incurred hereunder, an amount which bears the same ratio to the total payment specified in the Agreement as the services satisfactorily rendered hereunder by Consultant bear to the total services otherwise required to be performed for such total payment; provided, however, that if services which have been satisfactorily rendered are to be paid on a per-hour or per-day basis, Consultant shall be entitled to receive as full payment an amount equal to the number of hours or days actually worked prior to the termination times the applicable hourly or daily rate; and further provided, however, that if County terminates the Agreement for cause pursuant to Section 4.2, County shall deduct from such amount the amount of damage, if any, sustained by County by virtue of the breach of the Agreement by Consultant.

4.5 Authority to Terminate. The Board of Supervisors has the authority to terminate this Agreement on behalf of the County. In addition, the Purchasing Agent or Public Infrastructure Department Head, in consultation with County Counsel, shall have the authority to terminate this Agreement on behalf of the County.

5. Indemnification. Consultant agrees to accept all responsibility for loss or damage to any person or entity, including County, and to indemnify, hold harmless, and release County, its officers, agents, and employees, from and against any actions, claims, damages, liabilities, disabilities, or expenses, that may be asserted by any person or entity, including Consultant, that arise out of, pertain to, or relate to Consultant's or its agents', employees', contractors', subcontractors', or invitees' performance or obligations under this Agreement. Consultant agrees to provide a complete defense for any claim or action brought against County based upon a claim relating to such Consultant's or its agents', employees', contractors', subcontractors', or invitees' performance or obligations under this Agreement. Consultant's obligations under this Section apply whether or not there is concurrent or contributory negligence on County's part, but to the extent required by law, excluding liability due to County's conduct. County shall have the right to select its legal counsel at Consultant's expense, subject to Consultant's approval, which shall not be unreasonably withheld. This indemnification obligation is not limited in any way by any limitation on the amount or type of damages or compensation payable to or for Consultant or its agents under workers' compensation acts, disability benefits acts, or other employee benefit acts.

6. Insurance. With respect to performance of work under this Agreement, Consultant shall maintain and shall require all of its subcontractors, consultants, and other agents to maintain, insurance as described in Exhibit C, which is attached hereto and incorporated herein by this reference.

7. Prosecution of Work. The execution of this Agreement shall constitute Consultant's authority to proceed immediately with the performance of this Agreement. Performance of the services hereunder shall be completed within the time required herein, provided, however, that if the performance is delayed by earthquake, flood, high water, or other Act of God or by strike, lockout, or similar labor disturbances, the time for Consultant's performance of this Agreement shall be extended by a number of days equal to the number of days Consultant has been delayed.

8. Extra or Changed Work. Extra or changed work or other changes to the Agreement may be authorized only by written amendment to this Agreement, signed by both parties. Changes which do not exceed the delegated signature authority of the Department may be executed by the Department Head in a form approved by County Counsel. The Board of Supervisors or Purchasing Agent must authorize all other extra or changed work which exceeds the delegated signature authority of the Department Head. The parties expressly recognize that, pursuant to Sonoma County Code Section 1-11, County personnel are without authorization to order extra or changed work or waive Agreement requirements. Failure of Consultant to secure such written authorization for extra or changed work shall constitute a waiver of any and all right to adjustment in the Agreement price or Agreement time due to such unauthorized work and thereafter Consultant shall be entitled to no compensation whatsoever for the performance of such work. Consultant further expressly waives any and all right or remedy by way of restitution and quantum meruit for any and all extra work performed without such express and prior written authorization of the County.

9. Representations of Consultant.

9.1 Standard of Care. County has relied upon the professional ability and training of Consultant as a material inducement to enter into this Agreement. Consultant hereby agrees that all its work will be performed and that its operations shall be conducted in accordance with generally accepted and applicable professional practices and standards as well as the requirements of applicable federal, state and local laws, it being understood that acceptance of Consultant's work by County shall not operate as a waiver or release.

9.2 Status of Consultant. The parties intend that Consultant, in performing the services specified herein, shall act as an independent contractor and shall control the work and the manner in which it is performed. Consultant is not to be considered an agent or employee of County and is not entitled to participate in any pension plan, worker's compensation plan, insurance, bonus, or similar benefits County provides its employees. In the event County exercises its right to terminate this Agreement pursuant to Article 4, above, Consultant expressly agrees that it shall have no

recourse or right of appeal under rules, regulations, ordinances, or laws applicable to employees.

9.3 No Suspension or Debarment. Consultant warrants that it is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in covered transactions by any federal department or agency. Consultant also warrants that it is not suspended or debarred from receiving federal funds as listed in the List of Parties Excluded from Federal Procurement or Non-procurement Programs issued by the General Services Administration. If the Consultant becomes debarred, consultant has the obligation to inform the County

9.4 Taxes. Consultant agrees to file federal and state tax returns and pay all applicable taxes on amounts paid pursuant to this Agreement and shall be solely liable and responsible to pay such taxes and other obligations, including, but not limited to, state and federal income and FICA taxes. Consultant agrees to indemnify and hold County harmless from any liability which it may incur to the United States or to the State of California as a consequence of Consultant's failure to pay, when due, all such taxes and obligations. In case County is audited for compliance regarding any withholding or other applicable taxes, Consultant agrees to furnish County with proof of payment of taxes on these earnings.

9.5 Records Maintenance. Consultant shall keep and maintain full and complete documentation and accounting records concerning all services performed that are compensable under this Agreement and shall make such documents and records available to County for inspection at any reasonable time. Consultant shall maintain such records for a period of four (4) years following completion of work hereunder.

9.6 Conflict of Interest. Consultant covenants that it presently has no interest and that it will not acquire any interest, direct or indirect, that represents a financial conflict of interest under state law or that would otherwise conflict in any manner or degree with the performance of its services hereunder. Consultant further covenants that in the performance of this Agreement no person having any such interests shall be employed. In addition, if requested to do so by County, Consultant shall complete and file and shall require any other person doing work under this Agreement to complete and file a "Statement of Economic Interest" with County disclosing Consultant's or such other person's financial interests.

9.7 Statutory Compliance/Living Wage Ordinance. Consultant agrees to comply with all applicable federal, state and local laws, regulations, statutes and policies, including but not limited to the County of Sonoma Living Wage Ordinance, applicable to the services provided under this Agreement as they exist now and as they are changed, amended or modified during the term of this Agreement. Without limiting the generality of the foregoing, Consultant expressly acknowledges and agrees that this Agreement is subject to the provisions of Article XXVI of Chapter 2 of the Sonoma County Code, requiring payment of a living wage to covered employees. Noncompliance during the term of the Agreement will be considered a

material breach and may result in termination of the Agreement or pursuit of other legal or administrative remedies.

9.8 Nondiscrimination. Without limiting any other provision hereunder, Consultant shall comply with all applicable federal, state, and local laws, rules, and regulations in regard to nondiscrimination in employment because of race, color, ancestry, national origin, religion, sex, marital status, age, medical condition, pregnancy, disability, sexual orientation or other prohibited basis, including without limitation, the County's Non-Discrimination Policy. All nondiscrimination rules or regulations required by law to be included in this Agreement are incorporated herein by this reference.

9.9 AIDS Discrimination. Consultant agrees to comply with the provisions of Chapter 19, Article II, of the Sonoma County Code prohibiting discrimination in housing, employment, and services because of AIDS or HIV infection during the term of this Agreement and any extensions of the term.

9.10 Assignment of Rights. Consultant assigns to County all rights throughout the world in perpetuity in the nature of copyright, trademark, patent, right to ideas, in and to all versions of the plans and specifications, if any, now or later prepared by Consultant in connection with this Agreement. Consultant agrees to take such actions as are necessary to protect the rights assigned to County in this Agreement, and to refrain from taking any action which would impair those rights. Consultant's responsibilities under this provision include, but are not limited to, placing proper notice of copyright on all versions of the plans and specifications as County may direct, and refraining from disclosing any versions of the plans and specifications to any third party without first obtaining written permission of County. Consultant shall not use or permit another to use the plans and specifications in connection with this or any other project without first obtaining written permission of County.

9.11 Ownership and Disclosure of Work Product. All reports, original drawings, graphics, plans, studies, and other data or documents ("documents"), in whatever form or format, assembled or prepared by Consultant or Consultant's subcontractors, consultants, and other agents in connection with this Agreement shall be the property of County. County shall be entitled to immediate possession of such documents upon completion of the work pursuant to this Agreement. Upon expiration or termination of this Agreement, Consultant shall promptly deliver to County all such documents, which have not already been provided to County in such form or format, as County deems appropriate. Such documents shall be and will remain the property of County without restriction or limitation. Consultant may retain copies of the above-described documents but agrees not to disclose or discuss any information gathered, discovered, or generated in any way through this Agreement without the express written permission of County.

9.12 Authority. The undersigned hereby represents and warrants that he or she has authority to execute and deliver this Agreement on behalf of Consultant.

10. Demand for Assurance. Each party to this Agreement undertakes the obligation that the other's expectation of receiving due performance will not be impaired. When reasonable grounds for insecurity arise with respect to the performance of either party, the other may in writing demand adequate assurance of due performance and until such assurance is received may, if commercially reasonable, suspend any performance for which the agreed return has not been received. "Commercially reasonable" includes not only the conduct of a party with respect to performance under this Agreement, but also conduct with respect to other agreements with parties to this Agreement or others. After receipt of a justified demand, failure to provide within a reasonable time, but not exceeding thirty (30) days, such assurance of due performance as is adequate under the circumstances of the particular case is a repudiation of this Agreement. Acceptance of any improper delivery, service, or payment does not prejudice the aggrieved party's right to demand adequate assurance of future performance. Nothing in this Article limits County's right to terminate this Agreement pursuant to Article 4.

11. Assignment and Delegation. Neither party hereto shall assign, delegate, sublet, or transfer any interest in or duty under this Agreement without the prior written consent of the other, and no such transfer shall be of any force or effect whatsoever unless and until the other party shall have so consented.

12. Method and Place of Giving Notice, Submitting Bills and Making Payments. All notices, bills, and payments shall be made in writing and shall be given by personal delivery or by U.S. Mail or courier service. Notices, bills, and payments shall be addressed as follows:

TO: COUNTY:	Charles M. Schulz Sonoma Airport 2290 Airport Blvd Santa Rosa, CA 95403_ airport@sonoma-county.org
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TO: CONSULTANT:	Cignus Consulting, LLC 44084 Riverside Pkwy, Suite 120 Leesburg, VA 20176 vkhera@cignus.aero
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When a notice, bill or payment is given by a generally recognized overnight courier service, the notice, bill or payment shall be deemed received on the next business day. When a copy of a notice, bill or payment is sent by facsimile or email, the notice, bill or payment shall be deemed received upon transmission as long as (1) the original copy of the notice, bill or payment is promptly deposited in the U.S. mail and postmarked on the date of the facsimile or email (for a payment, on or before the due date), (2) the sender has a written confirmation of the facsimile transmission or email, and (3) the facsimile or email is transmitted before 5 p.m. (recipient's time). In all other instances, notices, bills and payments shall be effective upon receipt by the recipient. Changes may be made in

the names and addresses of the person to whom notices are to be given by giving notice pursuant to this paragraph.

13. Miscellaneous Provisions.

13.1 No Waiver of Breach. The waiver by County of any breach of any term or promise contained in this Agreement shall not be deemed to be a waiver of such term or provision or any subsequent breach of the same or any other term or promise contained in this Agreement.

13.2 Construction. To the fullest extent allowed by law, the provisions of this Agreement shall be construed and given effect in a manner that avoids any violation of statute, ordinance, regulation, or law. The parties covenant and agree that in the event that any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions hereof shall remain in full force and effect and shall in no way be affected, impaired, or invalidated thereby. Consultant and County acknowledge that they have each contributed to the making of this Agreement and that, in the event of a dispute over the interpretation of this Agreement, the language of the Agreement will not be construed against one party in favor of the other. Consultant and County acknowledge that they have each had an adequate opportunity to consult with counsel in the negotiation and preparation of this Agreement.

13.3 Consent. Wherever in this Agreement the consent or approval of one party is required to an act of the other party, such consent or approval shall not be unreasonably withheld or delayed.

13.4 No Third-Party Beneficiaries. Nothing contained in this Agreement shall be construed to create and the parties do not intend to create any rights in third parties.

13.5 Applicable Law and Forum. This Agreement shall be construed and interpreted according to the substantive law of California, regardless of the law of conflicts to the contrary in any jurisdiction. Any action to enforce the terms of this Agreement or for the breach thereof shall be brought and tried in Santa Rosa or the forum nearest to the city of Santa Rosa, in the County of Sonoma.

13.6 Captions. The captions in this Agreement are solely for convenience of reference. They are not a part of this Agreement and shall have no effect on its construction or interpretation.

13.7 Merger. This writing is intended both as the final expression of the Agreement between the parties hereto with respect to the included terms and as a complete and exclusive statement of the terms of the Agreement, pursuant to Code of Civil Procedure Section 1856. No modification of this Agreement shall be effective unless and until such modification is evidenced by a writing signed by both parties.

13.8. Survival of Terms. All express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion or termination for any reason.

13.9 Time of Essence. Time is and shall be of the essence of this Agreement and every provision hereof.

13.10. Counterpart; Electronic Signatures. The parties agree that this Agreement may be executed in two or more counterparts, each of which shall be deemed an original, and together which when executed by the requisite parties shall be deemed to be a complete original agreement. Counterparts may be delivered via facsimile, electronic mail (including PDF) or other transmission method, and any counterpart so delivered shall be deemed to have been duly and validly delivered, be valid and effective for all purposes, and shall have the same legal force and effect as an original document. This Agreement, and any counterpart, may be electronically signed by each or any of the parties through the use of any commercially available digital and/or electronic signature software or other electronic signature method in compliance with the U.S. federal ESIGN Act of 2000, California's Uniform Electronic Transactions Act (Cal. Civil Code § 1633.1 et seq.), or other applicable law. By its use of any electronic signature below, the signing party agrees to have conducted this transaction and to execution of this Agreement by electronic means.

14. Federal Provisions.

GENERAL CIVIL RIGHTS PROVISIONS

In all its activities within the scope of its airport program, the Contractor agrees to comply with pertinent statutes, Executive Orders, and such rules as identified in Title VI List of Pertinent Nondiscrimination Acts and Authorities to ensure that no person shall, on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

Title VI List of Pertinent Nondiscrimination Acts and Authorities

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Title VI of the Civil Rights Act of 1964 (42 USC § 2000d *et seq.*, 78 stat. 252)
(prohibits discrimination on the basis of race, color, national origin);

49 CFR part 21 (Non-discrimination in Federally-Assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);

The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);

Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 *et seq.*), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27 (Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance);

The Age Discrimination Act of 1975, as amended (42 USC § 6101 *et seq.*) (prohibits discrimination on the basis of age);

Airport and Airway Improvement Act of 1982 (49 USC § 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);

The Civil Rights Restoration Act of 1987 (PL 100-259) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);

Titles II and III of the Americans with Disabilities Act of 1990 (42 USC § 12101, *et seq.*) (prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;

The Federal Aviation Administration’s Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);

Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations);

Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs [70 Fed. Reg. 74087 (2005)];

Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC § 1681, et seq).

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the Effective Date.

CONSULTANT: Cignus Consulting,
LLC _____

By: _____

Name: _____

Title: _____

Date: _____

COUNTY: COUNTY OF SONOMA
CERTIFICATES OF INSURANCE
REVIEWED, ON FILE, AND
APPROVED AS TO SUBSTANCE
FOR COUNTY:

By: _____
Department Director or Designee

Date: _____

APPROVED AS TO FORM FOR
COUNTY:

By: _____
County Counsel

Date: _____

EXECUTED BY:

By: _____
Department Director

Date: _____

EXHIBIT A & B

Statement of Work

Cignus is pleased to present the following Statement of Work (SOW) to continue to perform support services in conjunction with proposed airspace improvements at the Charles M. Schulz Sonoma County Airport (STS).

In addition to working with the FAA to implement a set of newly proposed airspace procedures, Cignus will complete several additional support elements to include the following tasks:

Phase II

Task A: Finalize the RREHD departure procedure (redesign) with a goal being to minimize noise impacts during departures.

Task Requirement:

- Develop/Finalize a set of revised departure procedure(s) that will replace FAA's RREHD departure procedure and incorporate the use of noise reduction techniques by operators as well as design inherent noise reduction techniques.
 - o PBN Standard Instrument Departures (SIDs) and departure procedures should be designed using MITRE's TARGETS tool or other industry accepted tool(s) such as VIANAIR based on NavSpec and performance criteria and standards discussed in the latest AC 90-100 "U.S. Terminal and En Route Area Navigation (RNAV) Operations".

Timeline: ~6-8 Weeks

Deliverables:

- Initial Departure Procedure Design(s)
 - o RREHD Departure procedure adjustments
- RREHD RADAR Track Analysis
- List of Assumptions and Constraints impacting Design(s)

Approximate Budget: \$20,000

Task B: Perform a high-level noise assessment of the proposed procedure designs as compared to the existing conditions

Task Requirement:

- Perform a high-level noise exposure assessment of all proposed designs against existing conditions (Noise)
- Develop a noise matrix based on each individual procedure to enable a break down of noise exposure based on individual procedures

Timeline: ~8-10 Weeks

Deliverables:

1. Noise exposure comparison
2. Mitigation steps based on noise exposure, if needed

Approximate Budget: \$35,000

Task C: Develop a ‘Fly Quiet Program’ to encourage compliance for airlines and operators to follow noise friendly operations.

Task Requirement:

- Define the objectives (Noise reduction, community relations, operational efficiency, etc.)
- Identify key stakeholders: Airport Authority, Airlines, Helicopter Operators, Flight School Operators, Local government agencies, Community groups and residents
- Use baseline noise assessment performed in Task B to:
 - o Gather baseline noise data (Existing Noise Contours)
 - o Analyze flight paths, altitudes, and engine noise levels
 - o Identify problem areas (such as late-night operations or low-altitude arrivals/departures)
- Develop easy to understand detailed guidance for airlines and pilots
 - o Encourage Continuous Descent Approaches (CDAs) and steeper departure climbs
 - o Flying over less noise sensitive areas
- Engage Airlines and Pilots
 - o Gain buy-in on voluntary guidelines
 - o Conduct pilot outreach
 - o Consider incentive programs
- Community Outreach and Transparency
 - o Host virtual public meeting to communicate the program’s goals
 - o Encourage utilizing Casper for logging noise complaints
 - o Utilize new system to provide weekly snapshot at active noise exposure
- Implement a Noise Reporting and Scoring System
 - o Develop a Fly Quiet Scorecard ranking airlines based on noise abatement compliance
 - o Publicly recognize top-performing airlines while encouraging improvement.
- Identify and help implement a *virtual* noise monitoring system such as Vianair to provide monthly noise exposure updates to support the FQP

Timeline: ~12-16 Weeks

Deliverables:

- Detailed STS Voluntary Noise Abatement Guidance
- Fly Quiet Program ‘Sample’ Report
- Fly Quiet Scorecard & Airline Ranking System

Approximate Budget: \$30,000*

*Budget does not include fees for Vianair software

Task D: Perform a detailed feasibility study for upgrading from a CAT I to a CAT II ILS system based upon the recommendations developed in Phase I

Task Requirement:

- Define Objectives & Stakeholders: Determine the feasibility of upgrading the ILS from CAT I (visibility as low as 550m) to CAT II (visibility as low as 300m).
- Regulatory & Compliance Review
 - o Verify compliance with ICAO Annex 10, FAA AC 150/5300-13B, FAA Order 8900 and national aviation regulations.
 - o Assess airport licensing requirements for CAT II operations.
 - o Confirm the need for operational approvals for airlines and pilots using the upgraded system.
- Site & Infrastructure Assessment
 - o Runway & Taxiway Compliance (Ensure runway meets CAT II requirements, including High-Intensity Runway Lighting (HIRL), Touchdown Zone (TDZ) & Centerline Lights)
- ILS Equipment Review
 - o Assess current ILS localizer, glide slope, and marker beacons.
 - o Determine if existing ground equipment can be upgraded or requires replacement.
- Power & Backup Systems (STS to provide)
 - o Evaluate redundant power sources for CAT II reliability.
- Airspace & ATC Evaluation
 - o Determine impact on approach/departure procedures.
 - o Assess need for revised Minimum Vectoring Altitude (MVA) charts and missed approach procedures.
 - o Review radio communication and ATC surveillance system capabilities.
- Meteorological & Operational Assessment
 - o Analyze historical weather data (fog, low-visibility conditions).
 - o Evaluate frequency of CAT II conditions to justify investment.
 - o Assess operational impact on airport capacity and scheduling.
- Cost-Benefit & Financial Analysis
 - o Estimate capital and operational costs:
 - o ILS equipment upgrades
 - o Lighting & electrical modifications
 - o Training for ATC & maintenance staff
 - o Certification & regulatory costs
- Conduct Return on Investment (ROI) analysis
- Implementation & Timeline Planning
 - o Develop a phased upgrade plan, including:
 - Procurement & installation timeline

- Staff training & certification
- Regulatory approval process
- Identify risks and mitigation strategies.

Timeline: ~12-16 Weeks

Deliverables:

- Final Feasibility Report & Decision: Compile findings into a formal Feasibility Study Report including: Executive Summary, Technical & Operational Assessment, Cost Analysis & Funding Recommendations, Risk Assessment, Implementation Roadmap

Approximate Budget: \$50,000

Task E: Assist with up to two (2) stakeholder/neighborhood meetings to communicate final proposals before FAA submittal, including alternative departure procedure option(s).

Task Requirements:

- Prepare any necessary slides, videos, and briefings to support neighborhood meetings as directed by Sonoma County
- Attend up to two (2) meetings either in person or virtually

Timeline: TBD

Deliverables: There are two envisioned deliverables associated with this task

- PowerPoint slides, videos and briefings
- 2 In-Person or Virtual Meeting Presentations/Attendance

Approximate Budget: \$25,000

Task F: Finalize identified procedures that will be provided to the FAA for review and consideration and submit IFP packages to the FAA. Work with STS/FAA to ensure that the IFP packages meet FAA requirements and assist STS in coordinating with the FAA throughout the review process as-needed

Task Requirements:

- For the proposed final procedures develop formal IFP packets for STS review and FAA submittal
- Conduct follow-on outreach to Stakeholders regarding final procedure designs, if needed
- Work jointly with Sonoma County to submit desired IFP packages for official FAA review
- If needed, support any detailed obstruction evaluations and filings that may be required to the FAA's OE/AAA office

Timeline: ~16-18 Weeks

Deliverables:

There are two envisioned deliverables associated with this task

- Final Procedure Design Packages
- FAA Forms

Approximate Budget: \$45,000

Task G: During FAA's review, Cignus will assist the with any recommended changes and/or IFP packet revisions as directed by the FAA to facilitate procedure approval/implementation

Task Requirements:

- Submit IFP Procedure Packets to FAA
- Support any requested revisions or updates until the approval has been finalized

Timeline: TBD

Deliverables:

- Revisions of any IFP packages to meet FAA requirements

Approximate Budget: \$20,000

Task H: Continue to work with STS and the FAA to ensure that the revised procedures meet FAA requirements/expectations. Support Sonoma County until procedures are ready for implementation.

Task Requirements:

- Work with Sonoma County and any other relevant stakeholders on ensuring operational readiness for implementation
 - Provide technical support to address any concerns determined during FAA review

Timeline: Following FAA Approval until Contract End (Estimated 12-16 Months from final submission)

Deliverables:

- Presentation and Material Updates as necessary

Approximate Budget: \$35,000

Travel Budget Requested based on actual receipts: \$15,000

Total Phase II Budget Not To Exceed: \$275,000 incl. travel & reimbursables

CIGNUS COST PROPOSAL

Hourly Breakdown

Task Description			Total Effort	Procedure Designer	Analyst	Program Manager	Job Category	Loaded Rate (\$)
Phase I	Task 1	Finalize RREHD	98	46	36	16	Procedure Designer	\$235.00
	Task 2	Noise Assessment (High Level)	205	19	162	24	Analyst	\$155.20
	Task 3	Develop a Fly Quiet Program	157	23	80	54	Program Manager	\$225.00
	Task 4	Rwy 32 ILS Upgrade Study	297	0	241	56		
	Task 5	Community Outreach	136	0	80	56		
	Task 6	Finalize Procedures & Submit to FAA	222	62	80	80		
	Task 7	Support design updates	95	40	25	30		
	Task 8	Work with STS/FAA to implement new procedures	172	48	60	64		
			1382	238	764	380		

Task 1	Finalize RREHD Departure
Task 2	Noise Assessment (High Level)
Task 3	Develop a Fly Quiet Program
Task 4	Rwy 32 ILS Upgrade Study
Task 5	Community Outreach
Task 6	Finalize Procedures & Submit to FAA
Task 7	Support design updates
Task 8	Work with STS/FAA to implement new procedures

Cost

		Cost				
Task Description		Total Cost	Procedure Designer	Analyst	Program Manager	
Phase I	Task 1	Finalize RREHD	\$19,996.99	\$10,809.90	\$5,587.09	\$3,600.00
	Task 2	Noise Assessment (High Level)	\$35,006.87	\$4,464.96	\$25,141.91	\$5,400.00
	Task 3	Develop a Fly Quiet Program	\$29,970.71	\$5,404.95	\$12,415.76	\$12,150.00
	Task 4	Rwy 32 ILS Upgrade Study	\$50,002.48	\$0.00	\$37,402.48	\$12,600.00
	Task 5	Community Outreach	\$25,015.76	\$0.00	\$12,415.76	\$12,600.00
	Task 6	Finalize Procedures & Submit to FAA	\$44,985.63	\$14,569.87	\$12,415.76	\$18,000.00
	Task 7	Support design updates	\$20,029.84	\$9,399.91	\$3,879.93	\$6,750.00
	Task 8	Work with STS/FAA to implement new procedures	\$34,991.72	\$11,279.90	\$9,311.82	\$14,400.00

Travel & Expenses	
Total NTE	

Exhibit_C INSURANCE REQUIREMENTS

With respect to performance of work under this Agreement, Consultant shall maintain and shall require all of its subcontractors, consultants, and other agents to maintain insurance as described below unless such insurance has been expressly waived by the attachment of a *Waiver of Insurance Requirements*. Any requirement for insurance to be maintained after completion of the work shall survive this Agreement.

County reserves the right to review any and all of the required insurance policies and/or endorsements but has no obligation to do so. Failure to demand evidence of full compliance with the insurance requirements set forth in this Agreement or failure to identify any insurance deficiency shall not relieve Consultant from, nor be construed or deemed a waiver of, its obligation to maintain the required insurance at all times during the performance of this Agreement.

1. Workers Compensation and Employers Liability Insurance

- a. Required if Consultant has employees as defined by the Labor Code of the State of California.
- b. Workers Compensation insurance with statutory limits as required by the Labor Code of the State of California.
- c. Employers Liability with minimum limits of \$1,000,000 per Accident; \$1,000,000 Disease per employee; \$1,000,000 Disease per policy.
- d. Required Evidence of Insurance: Certificate of Insurance.

If Consultant currently has no employees as defined by the Labor Code of the State of California, Consultant agrees to obtain the above-specified Workers Compensation and Employers Liability insurance should employees be engaged during the term of this Agreement or any extensions of the term.

2. General Liability Insurance

- a. Commercial General Liability Insurance on a standard occurrence form, no less broad than Insurance Services Office (ISO) form CG 00 01.
- b. Minimum Limits: \$1,000,000 per Occurrence; \$2,000,000 General Aggregate; \$2,000,000 Products/Completed Operations Aggregate. The required limits may be provided by a combination of General Liability Insurance and Commercial Excess or Commercial Umbrella Liability Insurance. If Consultant maintains higher limits than the specified minimum limits, County requires and shall be entitled to coverage for the higher limits maintained by Consultant.
- c. Any deductible or self-insured retention shall be shown on the Certificate of Insurance. If the deductible or self-insured retention exceeds \$100,000 it must be approved in advance by County. Consultant is responsible for any deductible or self-insured retention and shall fund it upon County's written request, regardless of whether Consultant has a claim against the insurance or is named as a party in any action involving the County.
- d. County of Sonoma, its officers, agents and employees, Attn: Airport Manager, Charles M. Schulz – Sonoma County Airport, 2290 Airport Boulevard, Santa Rosa, CA 95403 shall be endorsed as additional insureds for liability arising out of operations by or on behalf of the Consultant in the performance of this Agreement.
- e. The insurance provided to the additional insureds shall be primary to, and non-contributory with, any insurance or self-insurance program maintained by them.
- f. The policy definition of "insured contract" shall include assumptions of liability arising out of both ongoing operations and the products-completed operations hazard (broad form contractual liability coverage including the "f" definition of insured contract in ISO form CG 00 01, or equivalent).

- g. The policy shall cover inter-insured suits between the additional insureds and Consultant and include a “separation of insureds” or “severability” clause which treats each insured separately.
- h. Required Evidence of Insurance:
 - i. Copy of the additional insured endorsement or policy language granting additional insured status;
 - ii. Copy of the endorsement or policy language indicating that insurance is primary and non-contributory; and
 - iii. Certificate of Insurance.

3. Automobile Liability Insurance

- a. Minimum Limit: \$1,000,000 combined single limit per accident. The required limits may be provided by a combination of Automobile Liability Insurance and Commercial Excess or Commercial Umbrella Liability Insurance.
- b. Insurance shall cover all owned autos. If Consultant currently owns no autos, Consultant agrees to obtain such insurance should any autos be acquired during the term of this Agreement or any extensions of the term.
- c. Insurance shall cover hired and non-owned autos.
- d. Required Evidence of Insurance: Certificate of Insurance.

4. Professional Liability/Errors and Omissions Insurance

- a. Minimum Limit: \$1,000,000 per claim or per occurrence.
- b. Any deductible or self-insured retention shall be shown on the Certificate of Insurance. If the deductible or self-insured retention exceeds \$100,000 it must be approved in advance by County.
- c. If the insurance is on a Claims-Made basis, the retroactive date shall be no later than the commencement of the work.
- d. Coverage applicable to the work performed under this Agreement shall be continued for two (2) years after completion of the work. Such continuation coverage may be provided by one of the following: (1) renewal of the existing policy; (2) an extended reporting period endorsement; or (3) replacement insurance with a retroactive date no later than the commencement of the work under this Agreement.
- e. Required Evidence of Insurance: Certificate of Insurance specifying the limits and the claims-made retroactive date.

5. Cyber Liability Insurance

Network Security & Privacy Liability Insurance:

Required if Consultant/consultant has access to individuals’ private, personally identifiable information, or if the agreement involves sharing of data or electronic information.

- a. Minimum Limit: \$2,000,000 per claim per occurrence, \$2,000,000.00 aggregate (Minimum limit for sole proprietor/individual, \$1,000,000 per claim per occurrence and aggregate)
- b. Coverage shall be sufficiently broad to respond to the duties and obligations as is undertaken by the Consultant in this agreement and shall include, but not be limited to, claims involving security breach, system failure, data recovery, business interruption, cyber extortion, social engineering, infringement of intellectual property, including but not limited to infringement of copyright, trademark, trade dress, invasion of privacy violations, information theft, damage to or destruction of electronic information, release of private information, and alteration of electronic information. The policy shall provide coverage for breach response costs (including notification costs), regulatory fines and penalties as well as credit monitoring expenses.

- c. If the insurance is on a Claims-Made basis, the retroactive date shall be no later than the commencement of the work.
- d. Coverage applicable to the work performed under this Agreement shall be continued for two (2) years after completion of the work. Such continuation coverage may be provided by one of the following: (1) renewal of the existing policy; (2) an extended reporting period endorsement; or (3) replacement insurance with a retroactive date no later than the commencement of the work under this Agreement.
- e. Required Evidence of Insurance: Certificate of Insurance specifying the limits and the claims-made retroactive date.

Technology Errors and Omissions Insurance:

Required if Consultant is providing a technology service (data storage, website designers, etc.,) or product (software providers).

- a. Minimum Limit: \$2,000,000 per claim or per occurrence, \$2,000,000.00 aggregate.
- b. Coverage shall be sufficiently broad to respond to the duties and obligations as is undertaken by the Consultant in this agreement and shall include, but not be limited to, claims involving security breach, system failure, data recovery, business interruption, cyber extortion, social engineering, infringement of intellectual property, including but not limited to infringement of copyright, trademark, trade dress, invasion of privacy violations, information theft, damage to or destruction of electronic information, release of private information, and alteration of electronic information. The policy shall provide coverage for breach response costs (including notification costs), regulatory fines and penalties as well as credit monitoring expenses.
- c. The Policy shall include, or be endorsed to include, property damage liability coverage for damage to, alteration of, loss of, or destruction of electronic data and/or information "property" of the County in the care, custody, or control of the Consultant. If the Consultant maintains broader coverage and/or higher limits than the minimums shown above, the Entity requires and shall be entitled to the broader coverage and/or the higher limits maintained by the contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Entity
- d. If the insurance is on a Claims-Made basis, the retroactive date shall be no later than the commencement of the work.
- e. Coverage applicable to the work performed under this Agreement shall be continued for two (2) years after completion of the work. Such continuation coverage may be provided by one of the following: (1) renewal of the existing policy; (2) an extended reporting period endorsement; or (3) replacement insurance with a retroactive date no later than the commencement of the work under this Agreement.
- f. Required Evidence of Insurance: Certificate of Insurance specifying the limits and the claims-made retroactive date.

6. Standards for Insurance Companies

Insurers, other than the California State Compensation Insurance Fund, shall have an A.M. Best's rating of at least A:VII.

7. Documentation

- a. The Certificate of Insurance must include the following reference: Airport Approach Feasibility Study.
- b. All required Evidence of Insurance shall be submitted prior to the execution of this Agreement. Consultant agrees to maintain current Evidence of Insurance on file with County for the entire term of this Agreement and any additional periods if specified in Sections 1 – 4 above.
- c. The name and address for Additional Insured endorsements and Certificates of Insurance is:

County of Sonoma, its officers, agents and employees, Attn: Airport Manager, Charles M. Schulz – Sonoma County Airport, 2290 Airport Boulevard, Santa Rosa, CA 95403.

- d. Required Evidence of Insurance shall be submitted for any renewal or replacement of a policy that already exists, at least ten (10) days before expiration or other termination of the existing policy.
- e. Consultant shall provide immediate written notice if: (1) any of the required insurance policies is terminated; (2) the limits of any of the required policies are reduced; or (3) the deductible or self-insured retention is increased.
- f. Upon written request, certified copies of required insurance policies must be provided within thirty (30) days.

8. Policy Obligations

Consultant's indemnity and other obligations shall not be limited by the foregoing insurance requirements.

9. Material Breach

If Consultant fails to maintain insurance which is required pursuant to this Agreement, it shall be deemed a material breach of this Agreement. County, at its sole option, may terminate this Agreement and obtain damages from Consultant resulting from said breach. Alternatively, County may purchase the required insurance, and without further notice to Consultant, County may deduct from sums due to Consultant any premium costs advanced by County for such insurance. These remedies shall be in addition to any other remedies available to County.