



Revised November 3, 2021

Mr. Hector Gonzales
Director of Facilities
Perris Union High School District
155 East 4th Street
Perris, California 92570-2124

RE: Proposal for Engineering Services
District Wide HVAC Assessment for 10 Sites
Perris, CA
IMEG # P2021-169 R1

Dear Hector:

Thank you for the opportunity to submit a Proposal for mechanical engineering services for an HVAC assessment study of the following sites:

SITE	ADDRESS	APPROXIMATE HVAC UNIT QUANTITY
Perris High School	175 East Nuevo Road, Perris, CA 92571	162
Pinacate Middle School	1990 South A Street, Perris, CA 92570	83
Heritage High School	26001 Briggs Road, Romoland, CA 92585	175
California Military Institute	755 North A Street, Perris, CA 92570	67
Pathways for Adult Life Skills	515 East 7th Street, Perris, CA 92570	28
Paloma Valley High School	31375 Bradley Road, Menifee, CA 92584	213
Perris Lake High School	418 West Ellis Avenue, Perris, CA 92570	32
Student Services Center	1151 North A Street, Perris, CA 92570	18
District Administrative Center	155 East 4th Street, Perris, CA 92570	19
Maintenance & Operations	409 West Metz Road, Perris, CA 92570	3

We understand the scope of work is as follows:

STUDY SERVICES

1. Mechanical engineering services including:
 - a. Develop a list of all HVAC units in PUHSD. This list will include pertinent unit information such as make, model, serial number (if available), location and condition.
 - b. Assess all economizer operations. Recommend any necessary repairs.
 - c. Assess all ultraviolet germicidal irradiation (UVGI) lamps for proper operation. Recommend any necessary maintenance, replacement, or upgrades.
 - d. Assess coil condition, condensate drainage, heat exchanger operation, and drive assembly.
 - e. Review control sequences to verify systems will maintain intended ventilation, temperature, and humidity conditions.
 - f. Verify a daily flush is scheduled for two hours before and after scheduled occupancy or demonstrate calculation of flush times.
 - g. Verify that HVAC system operational times, exhaust fan operation times, setpoints, and enabled features meet ASHRAE Guidance for Reopening and Operating Schools and Buildings.
 - h. Verify separation distance between outside air intakes and exhaust outlets.
 - i. Determine what additional adjustments or repairs would be necessary to meet minimum ventilation and filtrations requirements.
 - j. Determine if cost effective energy efficiency upgrades or replacements are recommended.
 - k. Use information gathered through equipment assessments to work with District to develop a unit replacement priority list and provide an opinion of probable construction costs estimate.

ASSUMPTIONS

1. All work will be conducted during normal business hours.
2. Drawings of the existing mechanical systems, which accurately represent the existing conditions, will be provided to IMEG if they are available.
3. Prior studies or reviews will be provided as background information.
4. The District will provide staff familiar with the operation of the HVAC equipment to assist during the retro-commissioning of the equipment.
5. IMEG standard format for reports will be used.
6. Funding applications will be completed and submitted by the District.



7. IMEG's opinion of probable construction costs will be based on the firm's experience and qualifications and represents our judgment as Design Professionals. IMEG makes no warranty, express or implied, that the bids or the negotiated cost of the work will not vary from our opinion of probable cost. IMEG has no control over 1) The cost of labor, material, or equipment; 2) The means, methods and procedures of the Contractor's work; or 3) The competitive bidding market at the time the project goes out to bid.

COMPENSATION

We propose to provide the services described above for a fixed fee of \$86,440.

Site Visits and Assessment	\$ 86,440
TOTAL	\$ 86,440

PROJECT EXPENSES

The following expenses **are** included in the above fee.

1. Travel expense.

ADDITIONAL SERVICES

IMEG can include the following as additional services. Additional services will be performed on a time and material basis using IMEG's standard hourly rates in effect at the time the service is performed, or for a negotiated fee, and only after approved in writing.

1. Detailed field takeoff of utilities and dimensioning of existing and/or new equipment.
2. Detailed takeoff cost estimating, or review of detailed cost estimates prepared by others.
3. Structural, mechanical, electrical, and technology engineering design and preparation of construction documents for recommended items.
4. Bidding and construction phase services.
5. Evaluate existing HVAC systems to determine highest level of filtration possible without adversely affecting equipment. Recommend any upgrades.
6. Adjust all demand control ventilation (DCV) setpoints to 800 ppm or less. Disable any DCV controls that cannot maintain an average daily maximum level below 1,000 PPM if directed by the Engineer.
7. Evaluate airflow measurements compared to design airflow and code required airflow.
8. Testing, Adjusting and Balancing (TAB) services including:
 - a. Measure airflow of all inlets/outlets, outside air, and exhaust air at the unit.
 - b. Measure building pressure relative to the outdoors.



- c. Measure all HVAC system coil airflow velocities, entering air temperatures, and discharge air temperatures.
- d. Measure pressure drop across filter that results in 5% reduction in supply airflow compared to clean filter supply airflow.

GENERAL

The attached Terms and Conditions dated April 10, 2020 are made a part of this Proposal. This Proposal is valid for 45 days from the date of this offer.

We will begin our services following acceptance of this Proposal for Engineering Services. We look forward to working with you and your staff on this project and appreciate this opportunity to be of service. Acceptance may be conveyed via e-mail to the address listed below or by signing this offer and returning it to our office.

Sincerely,

IMEG CORP.



Joshua Massey
Associate Principal, Project Executive
joshua.m.massey@imegcorp.com

JMM/gaw
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PERRIS UNION HIGH SCHOOL DISTRICT

Accepted:

Signature

Title

Date



TERMS AND CONDITIONS

Standard of Care: Services provided by IMEG Corp. (hereinafter referred to as "the Engineer") under this Agreement will be performed in accordance with generally accepted professional practices in a manner consistent with the level of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances in the same or similar location.

Client Responsibilities: IMEG shall be entitled to rely on the accuracy of documentation presented to it by Client. In the event of updates or changes to any documentation provided to IMEG in furtherance of its services, the Client is responsible for advising IMEG personnel of such updates or changes in writing.

Additional Services: When additional services beyond the defined scope of work are requested, an amendment or change order will be prepared by the Engineer and approved by the Client prior to commencing work. Client's approval by email or payment of proposed additional services shall be deemed binding. Additional services shall be performed on a time and material basis or for a negotiated fee.

Compensation: Services provided by the Engineer on a time and material basis shall be performed in accordance with the Engineer's current fiscal year Standard Hourly Rate Schedule in effect at the time of performance. This schedule is updated yearly and is available upon request.

Performance: Engineer has multiple offices and has professional service agreements for additional engineering and production assistance. The Engineer may use any office or professional service in the completion of services required for the Project. Engineer shall perform work pursuant to an agreed-upon schedule and consistent with the orderly progress inherent in the Engineer's Standard of Care. Work performed in the States of New York or North Carolina may be performed by VPH Engineering Services, P.C. utilizing Engineer's processes and standards.

Billing/Payment: The Client agrees to pay the Engineer for all services performed and all costs incurred. Invoices for the Engineer's services shall be submitted either upon completion of such services or on a monthly basis. Invoices shall be due and payable within 30 days of invoice date (direct) or 15 days from payment by Owner (consultant). Client shall notify Engineer of any objections to the invoice within five working days of receipt and agrees to pursue, in good faith, all payments owed to Engineer for services rendered. Payment of any invoice indicates Client's acceptance of this Agreement, these Terms & Conditions, and satisfaction with Engineer's services. Payment of invoices is in no case subject to unilateral discounting, back-charges, or set-offs by the Client, and payment is due regardless of suspension or termination of this Agreement by either party. Accounts unpaid 60 days after the invoice date may be subject to a monthly service charge of 1.5% (or the maximum legal rate) on the unpaid balance. In the event any portion of an account remains unpaid 120 days after the billing, the Engineer may institute collection action and the Client shall pay all costs of collection, including reasonable attorney's fees.

Indemnification: The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Engineer, its directors, employees and agents against claims, damages, liabilities and costs arising from and in proportion to the negligent acts or failure to act of Client and its directors, employees and agents in the performance of services under this Agreement on a comparative basis of fault. The Client shall not be obligated to indemnify the Engineer and its directors, employee and agents for their own negligence or the negligence of others. The Engineer agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Client, its directors, employees and agents against claims, damages, liabilities and costs arising from and in proportion to the negligent acts or failure to act of Engineer and its directors, employees and agents in the performance of services under this Agreement on a comparative basis of fault. The Engineer shall not be obligated to indemnify the Client and its directors, employee and agents for their own negligence or the negligence of others. The other provisions of this Agreement notwithstanding, in the event of any claim within the purview of the indemnification provisions of this section, each indemnitee shall control its defense, and at the time of claim resolution each indemnitor shall provide reimbursement for any reasonable defense cost, recoverable by law, caused by any negligence or other fault by or attributable to each indemnitor as determined by a competent trier of fact. As such, the parties recognize and expressly acknowledge that the duty to defend is not applicable to this Agreement and wholly separate and distinct from the duty to indemnify and hold harmless as set forth in this section.

Insurance: IMEG shall obtain and maintain the following insurance coverages: Commercial General Liability, Automobile Liability, Umbrella/Excess Liability, Workers Compensation/Employer's Liability, and Professional Liability. Certificates of insurance will be provided to the Client upon request. When stipulated by the Parties, Commercial General Liability, Automobile Liability, Umbrella/Excess Liability, Workers Compensation/Employer's Liability shall be written or endorsed to include named additional insureds, primary/non-contributory coverage, and other coverages subject to all terms, exclusions and conditions of the policies and any limitations as to coverage amounts as agreed upon by the Parties.

Certifications, Guarantees and Warranties: The Engineer shall not be required to execute any document or make any promise that would result in the Engineer certifying, guaranteeing or warranting the existence of any conditions.

Assignment: Neither party to this Agreement shall transfer, sublet or assign any rights or duties under or interest in this Agreement, including, but not limited to, monies that are due or monies that may be due, without the prior written consent of the other party, which shall not be unreasonably withheld. Subcontracting to subconsultants, normally contemplated by the Engineer as a generally accepted business practice, shall not be considered an assignment for purposes of this Agreement.

Dispute Resolution: Any claims or disputes between the Client and the Engineer arising out of the services to be provided by the Engineer or out of this Agreement shall be submitted to non-binding mediation. The Client and the Engineer agree to include a similar mediation agreement with all contractors, subconsultants, subcontractors, suppliers and fabricators, providing for mediation as the primary method of dispute resolution among all parties. The laws of the State where the project is located govern the validity of this Agreement, its interpretation and performance. Any litigation arising in any way from this Agreement shall be brought in the courts of that State.

Construction Means and Methods: The Engineer shall not be responsible for, nor have control over or charge of, construction means, methods, sequences, techniques, or procedures, or for any health or safety precautions. Neither Client nor Engineer shall hold the other responsible for damages or delays in performance caused by acts of God, strikes, walkouts, accidents, Government acts, or other events beyond the control of the Client's or Engineer's directors, employees, agents, or consultants.

Construction Observation: When the Engineer does not explicitly provide construction observation services within its written scope of work, it is agreed that the professional services of the Engineer do not extend to or include the review or site observation of the contractor's work, performance, or pay request approval. During construction, the Client assumes the role of the engineer and will hold harmless the Engineer for the contractor's performance or the failure of the contractor's work to conform to the design intent and the contract documents.

Project Signs: Project signs displayed at the construction site shall include "IMEG Corp." as the Engineer. Articles for publication regarding this project shall acknowledge IMEG as the Civil, Structural, Mechanical, Electrical and/or Technology Engineer, as applicable.

Adjustments, Changes or Additions: It is understood that adjustments, changes, or additions may be necessary during construction. A contingency fund shall be maintained until construction is completed to pay for field changes, adjustments, or increased scope items. All change order amounts requested by contractors constructing Engineer-designed systems shall be submitted to the Engineer for review prior to being approved by contract holder. The Engineer will not approve amounts requested that are above a normal bid amount for the work involved. In no case will costs be assessed to the Engineer at the discretion of the contractor, the Client, or the Owner without prior agreement and approval of the Engineer. Engineer shall not be responsible for any cost or expense that provides betterment or upgrades or enhances the value of the Project.



Ownership: All drawings, specifications, BIM and other work product of the Engineer developed for this Project are instruments of service owned by IMEG. IMEG shall provide Client with a license to use said instruments of service for purposes consistent with successful project completion, including extensions, if mutually agreed. Reuse of any instruments of service of the Engineer by the Client, or others acting for the Client, for any other use without the express written permission of the Engineer shall be at the Client's risk. Client agrees to defend, indemnify and hold harmless the Engineer for all claims, damages and expenses, including reasonable attorney's fees, arising out of unauthorized use of IMEG's instruments of service.

Electronic Files: The Client hereby grants permission for the Engineer to use electronic background information produced by the Client in the completion of the project. The Client also grants permission to the Engineer to release Engineers' documents (including their backgrounds) electronically to Client, contractors, and vendors as required in the execution of the project.

Employment: For the duration of this contract, plus six (6) months from the date of final payment received, neither the Engineer nor Client, nor their respective agents, will offer employment or contact any person for such purposes who is or was employed by Engineer, Client or their agents for the period of performance of this contract.

Termination: The Client or Engineer may, after giving seven (7) days written notice, terminate this agreement and the Engineer shall be paid for services provided up to the termination notice date, including reimbursable expenses due plus termination expenses. Termination expenses are defined as reimbursable expenses directly attributed to the termination. Until said reimbursable expenses are paid, Engineer shall not provide any outstanding instruments of services or any other deliverable generated under this Agreement.

Survivability: In the event any provisions of this agreement shall be held to be invalid and unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provision, term, condition or covenant shall not be construed by the other party as a waiver of a subsequent breach of the same by the other party. Additionally, there shall be no legal presumption against the drafter of this Agreement in the event of a dispute as to the enforceability and/or interpretation of this Agreement.

Limitation of Liability: It is agreed that the Engineer is not the Engineer of Record for the project and, therefore, has no liability for this project for negligent acts, errors, or omissions, and has no obligation related to claims, losses, costs, damages, cost of defense, or expenses from any cause, including Client, contractors, and attorney fees.

Risk Allocation: IMEG's liability to the Client for injury or damage to persons or property arising out of work performed for the Client and for which liability may be found to rest upon IMEG, other than for professional errors, omissions or negligence, will be limited to IMEG's general liability insurance coverage of \$1,000,000.

Hazardous Environmental Conditions: Unless expressly stated in writing, IMEG does not provide assessments of the existence or presence of any hazardous or other environmental conditions or environmental contaminants or materials ("Hazardous Environmental Conditions"). Client shall inform IMEG of any and all known Hazardous Environmental Conditions before services are provided involving or affecting them. If unknown Hazardous Environmental Conditions are encountered, IMEG will notify the Client and, as appropriate, government officials of such conditions. IMEG may, without liability or reduction or delay of compensation due, proceed to suspend services on the affected portion of the project until Client takes appropriate action to abate, remediate, or remove the Hazardous Environmental Condition. IMEG shall not be considered an "arranger", "operator", "generator", "transporter", "owner", or "responsible party" of or with respect to contaminants, materials or substances. IMEG shall assume no liability whatsoever for correction of any Hazardous Environmental Conditions; and shall be entitled to payment or reimbursement of expenses, costs or damages occasioned by undisclosed Hazardous Environmental Conditions.

Buried Utilities: Client shall be responsible for designating the location of all utility lines and subterranean structures within the property lines of the Project. Client agrees to waive any claim against IMEG and to defend, indemnify and hold IMEG harmless for any claim or liability for injury or loss arising from IMEG or other persons encountering utilities or other manmade objects that were not brought to IMEG's attention or which were not properly located on the plans furnished to IMEG. Client further agrees to compensate IMEG for any and all time, costs and expenses incurred by IMEG in defense of any such claim, in accordance with IMEG's then effective standard hourly fee schedule and expense reimbursement policy.

Boundary Conflict: Boundary determinations occasionally disclose unseen or unknown conflicts between the record documents and the location of physical improvements. Upon discovery of any latent or patent ambiguity, uncertainty, or dispute disclosed by the records or by placement of the boundaries on the ground, work on the boundary survey will be suspended and you will be immediately notified. IMEG will present alternatives for possible resolution and any additional work required to achieve resolution will be negotiated. If you should choose to forego resolution, all work completed to date will be invoiced for payment and the project file will be archived by IMEG for future resolution. If you choose resolution, IMEG will act as your mediator, consultant and expert until satisfactory resolution is achieved. Upon resolution, this initial agreement will be reinstated and completed in accordance with its initial terms subject to potential interim rate increases.

Force Majeure: Except as hereinafter provided, no delay or failure in performance by Client or IMEG shall constitute a default under this Agreement if and to the extent the delay or failure is caused by Force Majeure. Unless the Force Majeure frustrates performance of the Services, Force Majeure shall not operate to excuse, but only to delay, performance of the Services. If Services are delayed by reason of Force Majeure, IMEG promptly shall notify Client. Once the Force Majeure event ceases, IMEG shall resume performance of the Services as soon as possible. "Force Majeure" means any event beyond the control of the Party claiming inability to perform its obligations and which such Party is unable to prevent by the exercise of reasonable diligence, including, without limitation, the combined action of workers, strikes, embargoes, fire, acts of terrorism, explosions and other catastrophes, casualties, a moratorium on construction, delays in transportation, governmental delays in granting permits or approvals, changes in laws, expropriation or condemnation of property, governmental actions, unavailability or shortages of materials, national emergency, war, acts of terrorism, cyber-attacks, civil disturbance, floods, unusually severe weather conditions or other acts of God or public enemy. Inability to pay or financial hardship, however, shall not constitute Force Majeure regardless of the cause thereof and whether the reason is outside a Party's control.

Other Terms and Conditions: The Terms and Conditions set forth in this Agreement shall not be superseded by any additional or alternate terms and conditions presented by the Client or any other Party whether contained in invoices or in any other form unless mutually executed, in writing, by Engineer and Client.



IMEG Equal Employment Opportunity / Rights Under Federal Labor Laws

1. The equal opportunity clause of 41 CFR § 60-1.4(a) is hereby incorporated by reference as if fully set forth herein.
2. The equal opportunity clause of 41 CFR § 60-741.5(a) is hereby incorporated by reference as if fully set forth herein. This contractor and subcontractor shall abide by the requirements of 41 CFR 60-741.5(a). This regulation prohibits discrimination against qualified individuals on the basis of disability, and requires affirmative action by covered prime consultants and subconsultants to employ and advance in employment qualified individuals with disabilities.
3. The equal opportunity clause of 41 CFR § 60-300.5(a) is hereby incorporated by reference as if fully set forth herein. This contractor and subcontractor shall abide by the requirements of 41 CFR 60-300.5(a). This regulation prohibits discrimination against qualified protected veterans, and requires affirmative action by covered prime consultants and subconsultants to employ and advance in employment qualified protected veterans.
4. The employee notice clause of 29 CFR § 471, Appendix A to Subpart A is hereby incorporated by reference as if fully set forth herein.
5. Employer Reports on Employment of Protected Veterans (41 CFR § 61-300.10)
 - a. IMEG agrees to report at least annually, as required by the Secretary of Labor, on:
 - 1) The total number of employees in the workforce of IMEG, by job category and hiring location, and the total number of such employees, by job category and hiring location, who are protected veterans;
 - 2) The total number of new employees hired by IMEG during the period covered by the report, and of such employees, the number who are protected veterans; and
 - 3) The maximum number and minimum number of employees of IMEG at each hiring location during the period covered by the report.
 - 4) The term "protected veteran" refers to a veteran who may be classified as a "disabled veteran," recently separated veteran, "active duty wartime or campaign badge veteran," or an "Armed Forces service medal veteran," as defined in 41 CFR 61-300.2.
 - b. The above items must be reported by completing the report entitled "Federal Contractor Veterans' Employment Report VETS-4212."
 - c. VETS-4212 Reports must be filed no later than September 30 of each year following a calendar year in which IMEG held a covered contract or subcontract.
 - d. The employment activity report required by paragraphs (a)(2) and (a)(3) of this clause must reflect total new hires and maximum and minimum number of employees during the 12-month period preceding the ending date that IMEG selects for the current employment report required by paragraph (a)(1) of this clause. IMEG may select an ending date:
 - 1) As of the end of any pay period during the period July 1 through August 31 of the year the report is due; or
 - 2) As of December 31, if IMEG has previous written approval from the Equal Employment Opportunity Commission to do so for purposes of submitting the Employer Information Report EEO-1, Standard Form 100 (EEO-1 Report).
 - e. The number of veterans reported according to paragraph (a) above must be based on data known to IMEG when completing their VETS-4212 Reports. IMEG's knowledge of veterans status may be obtained in a variety of ways, including, in response to an invitation to applicants to self-identify in accordance with 41 CFR 60-300.42, voluntary self-disclosures by employees who are protected veterans, or actual knowledge of an employee's veteran status by IMEG. Nothing in this paragraph (e) relieves IMEG from liability for discrimination under 38 U.S.C. 4212.

Rev. 04/10/20

