RESOLUTION - ACTION REQUESTED 2017-844

MEETING: December 19, 2017

TO: The Board of Supervisors

FROM: Mike Healy, Public Works Director

RE: Approve a Task Order with Willdan Eng for Engineering Services for Coulterville Storm Drain

RECOMMENDATION AND JUSTIFICATION:
Approve a Task Order with Willdan Engineering for Construction Engineering Services for the Coulterville Storm Drain Project in the Not-to-Exceed Amount of $33,600; and Authorize the Public Works Director to Sign the Task Order.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:
Do not approve, contracted Inspection Services for this project will not move forward and Public Works staff will assume these duties.

FINANCIAL IMPACT:
There is no financial impact as this project is entirely funded through grant resources.

ATTACHMENTS:
Willdan 16-017 Inspection Services (PDF)
Willdan TO 18-08 CLTVL Storm Drain (PDF)

RESULT: ADOPTED BY CONSENT VOTE [UNANIMOUS]
MOVER: Rosemarie Smallcombe, District I Supervisor
SECONDER: Merlin Jones, District II Supervisor
AYES: Smallcombe, Jones, Long, Cann, Menetrey
TASK ORDER FOR SERVICES

TASK ORDER 18-08 November 28, 2017

Authority
This task order is issued under the authority of the 4/26/16 Professional Services Agreement (16-017) between Mariposa County (County) and Willdan Engineering (Contractor). All articles and terms of the Master Agreement shall apply to work performed under this task order.

Short Title of Work to be Performed
Willdan Engineering heretofore referred to as “Consultant” will furnish appropriate Personnel for Construction Management Services for the Coulterville Storm Drain Project throughout the construction and post construction period. The consultant shall provide consulting services through June 30, 2018. The consultant will perform services as detailed in the attached EXHIBIT A at an hourly rated as stated in EXHIBIT B.

Compensation
Total payments for this work is not to exceed $33,600.00

Funding Source: 513-1313-783-0601 Payment Schedule: Upon submittal of Monthly Invoices

Notice to Proceed: The Contractor is hereby authorized by County with the performance of the scope of work described in Exhibit A.

COUNTY:
Mike Healy
Director, Public Works and Transportation

CONTRACTOR:
Willdan Engineering

APPROVE AS TO BUDGET:
J. Dallin Kimble
County Administrative Officer

APPROVE AS TO FORM:
Steven W. Dahlem
County Counsel
November 20, 2017

Mr. Mike Healy, PWLF
Deputy Director
Mariposa County
4639 Ben Hur Road
Mariposa, CA 95338

Subject: Proposal for Construction Engineering Services – Coulterville Storm Drain Improvements, Project No. 1313-1322, Federal Aid #12-CDBG-8398

Dear Mr. Healy:

Willdan Engineering is pleased to submit this proposal to provide professional construction engineering services for the subject project. The project includes installation of installation of new storm drain pipe, replacement of existing storm drain pipe with new storm drain pipe, installation of grate covered drainage inlets, junction structures and manholes, removal and replacement of existing asphalt paving and minor concrete transitions, inspecting and repairing existing arch storm drain from Park Lane to Highway 49 (if feasible), and other appurtenant work. The project is funded through a Community Development Block Grant. This proposal is based on an assumed construction duration of 40 working days.

We are proposing to utilize the services of Mike Bustos, PE, as the Resident Engineer, and Raj Gupta, as the Construction Manager and Senior Public Works Inspector to provide the requested construction engineering services. Mr. Gupta will be on site part-time and has over 30 years of public works construction experience.

The following is our proposed scope of work and estimated fee:

EXHIBIT A - SCOPE OF WORK

TASK #1 - Construction Management

1. Prepare the construction file.

2. Ensure that the contractor distributes public construction notices and places construction and information signs.

3. Review contractor’s safety program in consultation with County staff.

4. Through Willdan’s system of project control, monitor activities related to the project such that the project is constructed pursuant to contract documents, LAPM, and in a timely fashion.

5. Log, track, and process submittals, RFIs, RFCs, CCOs, field directives, NOPCs, Non-Conformance Reports (NCRs), construction schedule, and detailed traffic control plan.
6. Closely review schedule and advise contractor to take action on schedule slippage.

7. Document contractor’s 20-day notices, mechanic’s liens, and stop notices.

8. Monitor and coordinate activities of design engineering support, surveying, testing, and work by utilities or other agencies.

9. Prepare weekly statement of working days and submit to the contractor and the County.

10. Establish and conduct weekly construction progress meetings to:
    - Resolve all old business issues to the maximum extent possible
    - Address all items of new business as presented by any party
    - Review project schedule and address any deviations
    - Review submittal log in terms of items needed and resubmittals required and review RFI, RFC, CCO, NCR, and NOPC logs
    - List status of construction items recently undertaken or ongoing
    - List planned construction items for the next two weeks, usually known as the two-week look ahead schedule
    - Review SWPPP issues
    - Review contractor’s safety program

11. Prepare minutes for the weekly construction progress meeting.

12. Provide claims mitigation monitoring, including proactively applying foresight to discover unforeseen conflicts prior to contractor encounter.

13. Evaluate and respond to the contractor’s requests for clarification of plans and specifications.

14. Ensure that all questions, conflicts, and issues are immediately brought to the County’s attention and addressed with appropriate directives to the contractor.

15. Conduct special site meetings, when necessary, with the contractor and County staff to review job progress, scheduling, and coordination.

16. Perform quantity, time, and cost analyses required for negotiation of contract changes.

17. Negotiate and prepare change orders, including memorandum of explanation and cost estimates to substantiate change order costs and provide to County for review.

18. Monitor and perform immediate and thorough analysis of validity of all potential claims that arise.

19. Maintain all data for change orders and record information with regard to the time of dispute, time of notification by the contractor, and action taken by the inspector.

20. Monitor materials documentation and testing results and enforce corrections.
21. Review for approval the contractor's progress payment requests, including verifying LAPM compliance status and impact on payment; negotiate differences over the amount with the contractor; and process payments through the County's Project Manager.

22. Monitor preparation of a punch list at substantial completion and follow up.

23. Routinely review construction files to ensure conformance to County standards and good construction management practice.

24. Ensure County received as-built set of drawings at completion.

25. Assist County with stop notices and release of retention.

26. Provide memorandum of clearance to issue the notice of completion.

27. Finalize and deliver all construction files and supplies to the County for their records.

**TASK #2 - Construction Inspection**

1. Review plans, specifications, and all other contract- and construction-related documents. This proposal assumes that final, approved and stamped construction documents will be provided to Willdan and used as the basis of observations.

2. Conduct a field investigation of the project area to become familiar with the existing facilities and the project environment.

3. Become familiar with traffic control plans, construction schedule, construction sequence, and permit requirements from other agencies.

4. Verify that the contractor conforms to the design survey line and grades.

5. Attend weekly progress meetings with the resident engineer, contractor, and subcontractors.

6. Provide part-time (assumed at no more than 3 days per week) and as-needed construction inspection of the work to monitor materials and methods for compliance with plans, specifications, and contract documents; address and document non-conforming items as they are discovered. Onsite inspection services will need to be schedule on three consecutive days (i.e. Monday through Wednesday, Tuesday through Thursday, or Wednesday through Friday). This proposal assumes that County staff will assist with inspection duties on days when Willdan is not on site.

7. Monitor compliance with Cal OSHA requirements and compliance with all local, state, and federal regulations. Although Willdan will monitor the activities, it is the contractor's sole responsibility to provide workers with a safe working environment.

8. Monitor compliance with the Clean Air Act and the Clean Water Act (National Pollutant Discharge Elimination System – NPDES best management practices). Also, monitor the contractor's compliance with approved SWPPP.
9. Meet with the contractor at the beginning of each day and review the proposed work plan, including specific details that may affect progress.

10. Conduct daily measurements of quantities of work with the contractor.

11. Review actual contractor performance throughout the day and discuss discrepancies with the contractor as they occur.

12. Assist in coordination of engineering support, surveying, specialty inspections, and fieldwork by utility companies.


14. Evaluate the contractor’s operation and production with respect to quality and progress and report to the resident engineer and County project manager.

15. Photograph continuous property frontages along the street alignment once prior to construction and once immediately following construction. Maintain a photographic record of key elements of each major operation of work each day, with increased detail in situations of potential changes or claims.

16. Closely monitor testing results and require the contractor to provide corrective measures to achieve compliance.

17. Maintain copies of all permits needed to construct the project and enforce special requirements of each.

18. Prepare and maintain detailed daily diary inspector reports on construction progress for the day’s when Willdan’s inspector is on site. This proposal assumes that County staff will provide observation of the construction activities on the days when Willdan’s inspector is not on site.

19. Prepare clear and concise letters and memoranda, as needed. Establish a solid paper trail.

20. Maintain field file bound workbooks during construction, including a cumulative record of quantities constructed, daily and weekly reports, working day reports, change order documentation, photographs, and other documentation.

21. Review the construction schedule and enforce requirements for updating schedules and maintaining appropriate progress of the work.

22. Analyze delays and review claims on a timely basis and make recommendations to the construction manager.

23. Assist with the review and evaluation of change order work.

24. Provide complete measurements and calculations documented to administer progress payments.
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25. Maintain and submit a clean set of plans marked in red for as-built corrections on record
drawings to be filed with the County. (County’s design consultant will transfer the
contractor’s record drawings to original Mylar drawings.)

26. Prepare a punch list at substantial completion and follow up with the contractor regarding
progress of corrections.

27. Schedule a final inspection with the County and applicable agencies; prepare, distribute,
and inspect corrections to the final punch list for completion; and recommend final
acceptance.

28. Prepare documentation for final payment to the contractor.

29. Upon project completion, provide the finished set of project workbooks to the County.

PROJECT TEAM

Willdan proposes the following team members.

Mr. Christopher Baca, RCI, will serve as the Project Manager. Mr. Baca has over 28 years of
construction management experience including includes construction management of large-scale
projects in areas of water systems, street improvements, park improvements, storm drains,
sanitary sewers, asphalt resurfacing (including asphalt-rubber products), concrete paving,
landscaped medians, and traffic signals. In addition to his experience with Community
Development Block Grant (CDBG) funded projects, Mr. Baca is also familiar with the inspection
and contract administration of other federally-funded projects in accordance with Caltrans Local
Program Manual. Mr. Baca’s recent experience includes the City of Rialto’s Pepper Avenue
Extension Project. The project extended Pepper Avenue ½ mile crossing the Lytle Creek
drainage endangered species habitat to CA 210. Approximately 100,000 cubic yards of import
soil, four 10’ by 10’ reinforced box culverts and a Verdura Wall were used to span the drainage
area. The project included 2,814 feet of curb, gutter, sidewalk, AC paving parkway landscaping
and irrigation, as well as a new water line, sewer line, SCE conduits and street lighting. This
project was the result of 12 years of planning and design with an overall $15 million budget and
a construction cost of $7 million.

Mr. Mike Bustos, PE, ENV SP, will serve as the Resident Engineer. Mr. Bustos has over 16
years of experience in the design and construction of public works projects. His experience
includes projects such as roadway reconstructions, drainage improvements, water and sewer
pipelines, pavement rehabilitation, street improvements, and grading. He has served as resident
engineer for over a dozen federally- and state-funded projects over the last five years.

Mr. Raj Gupta, will serve as the Construction Manager/Senior Public Works Observer. Mr.
Gupta has over 31 years of extensive experience in the civil construction industry, with roles
including team leader, chief inspector, senior field engineer assistant resident engineer, and
public works observer. He has experience in project management and construction supervision
of projects funded by state and federal agencies. He has gained considerable experience in
Quality Assurance Programs, scheduling of QA/QC activities, evaluation of extra work and
change orders, site instructions, contract management, and analyzing payment applications,
claims & disputes, and implementation of Cal-OSHA and SWPPP programs along, with various
other assigned management duties.
Christopher D. Baca, RCI, CESSWI
Director, Construction Management and Inspection Services

Mr. Christopher D. Baca is responsible for directing and monitoring public works inspection services and overseeing construction observation personnel. His experience includes construction management of large-scale projects in areas of water systems; street improvements; park improvements; storm drains; sanitary sewers; asphalt resurfacing, including asphalt-rubber products; concrete paving; landscaped medians; and traffic signals. In addition to his experience with Community Development Block Grant (CDBG) funded projects, Mr. Baca is also familiar with inspection and contract administration of other federally funded projects in accordance with Caltrans’ Local Program Manual. During his 28 years of experience, Mr. Baca has served as a senior public works observer, as well as a permit inspector in the cities of Bell Gardens, Paramount, and Rosemead. Currently, Mr. Baca directs construction management and inspection services in Los Angeles and Orange Counties. He interfaces with California Department of Transportation on a regular basis.

Prior to joining Willdan, Mr. Baca worked for a soils engineering firm conducting field inspections and performing laboratory testing.

Relevant Project Experience

Capital Improvement Projects

I-210 Logistics Phase II, City of Rialto, California. Project Manager. Willdan provided PS&E package for the City of Rialto’s I-210 Logistics Phase II Project.

Lakewood Boulevard Street Widening, City of Downey, California. Project Manager responsible for overall oversight and scheduling of construction administration and inspection services for the project. The project involved installing 12-inch DIP potable water main, 8-inch DIP reclaimed water main, 24-inch RCP to new 28-foot catch basin, pedestrian lights, traffic signals; relocating utilities; removing curb, gutter, and sidewalk; and installing sidewalk with enhanced scoring and integral color-stamped ADA-compliant access ramps, landscaping with controls, bus stop, and asphalt paving with 2-inch ARHM cap.

Ninth Street Improvements, City of Highland, California. Project Manager responsible for overall oversight and scheduling of construction administration and inspection services for the City of Highland’s 9th Street Project. The project involved the removal and replacement of damaged asphalt, repair of existing concrete improvements, asphalt overlay and slurry seal installation. Willdan tracked quantities, provided claims mitigation, responded to RFT's, track submittals, and maintained the construction file.

Transit Priority, City of Santa Monica, California. Project Manager responsible for overall oversight and scheduling of construction administration and inspection services for the City’s Transit Priority Project. The project involved the installation of new fiber optic, some minor traffic signal modification and other appurtenant work. In addition to construction management services, Willdan provided public outreach services to the local businesses and residents.

Bradford/Madison Street Improvement, City of Placentia, California. Project Manager responsible for overall oversight and scheduling of construction administration and inspection services for the Bradford/Madison Street Improvement Project. Willdan provided labor compliance, construction management, and construction inspection services for the ARRA funded project. The project involved the removal and replacement of damaged street sections, asphalt overlay,
miscellaneous concrete repairs to sidewalks and curbs, planting of street trees, and
other appurtenant work.

Tustin Metrolink Station, Griffin Holdings Inc. Project Manager responsible for
overall oversight and scheduling of construction administration and inspection
services for installation of various underground facilities.

Third Street Improvement, City of Calimesa, California. Project Manager
responsible for overall oversight and scheduling of construction administration and
inspection services for the Third Street Improvement Project. Willdan provided labor
compliance, construction management, and construction inspection services for the
ARRA funded project. The project involved the removal and replacement of damaged
street sections, asphalt overlay, miscellaneous concrete repairs to sidewalk and
curbs, planting of street trees, and other appurtenant work.

Ramona B Street Improvement, City of Baldwin Park, California. Project
Manager responsible for overall oversight and scheduling of construction
administration and inspection services for the Ramona B Street Improvement Project.
Willdan is providing labor compliance, construction management, and construction
inspection services for the ARRA funded project. The project involves the removal
and replacement of damaged street sections, asphalt overlay, miscellaneous concrete
repairs to sidewalks and curbs, planting of street trees, and other appurtenant work.

Palos Verdes Drive North, City of Rolling Hills Estates, California. Project
Manager responsible for overall oversight and scheduling of construction
administration and inspection services for rehabilitation of Crenshaw Boulevard to
Rolling Hills Road. Once the design was complete, Willdan provided bid
advertisement, bid analysis, and other preconstruction services. Once the project was
awarded, Willdan provided labor compliance, construction management, and
construction inspection services for the project. The project was funded through the
Federal Highway Administration (FHWA) American Recovery and Reinvestment Act
(ARRA) at a total project cost of approximately $400,000.

Slurry Seal

Slurry Seal for Fiscal Year 2005, City of Paramount, California. Project Manager
responsible for overall oversight and scheduling of construction administration and
inspection services for application of slurry seal emulsion of various City streets.
Michael D. Bustos, PE, ENV SP
Deputy Director, Construction Management and Inspection Services

Mr. Michael D. Bustos is responsible for design and construction management of projects such as roadway reconstructions, drainage improvements, pipelines, pavement rehabilitation, street improvements, and grading. Mr. Bustos has served as resident engineer for over a dozen federally- and state-funded projects over the last five years. He has gained valuable experience in on-site construction management, off-site construction administration, inspection, design, and plan checking during his 16 years with Willdan.

Relevant Project Experience

Ridgecrest Senior Center CDBG-Funded Tenant Improvements, City of Ridgecrest, California. Project Manager. Willdan provided design and construction management services for proposed tenant improvements intended to rehabilitate and renovate the existing Ridgecrest Senior Center; services provided include design, preparation of bidding documents, bidding assistance, construction management, construction inspection, invoicing to County for reimbursement, and verification of compliance with HUD requirements. This project was funded through Community Development Block Grant.

CDBG ADA Ramp Project, City of Ridgecrest, California. Project Manager. Willdan provided drafting assistance to City staff for the proposed reconstruction of ADA compliant curb ramps at 15 locations throughout the City. Willdan’s scope of work included preparation of technical specifications and engineer’s cost estimate, bidding assistance, part-time construction inspection, and HUD monitoring services for this CDBG grant funded project. Curb ramp locations were located in the area bound by Balsam Ave, Coso St, N. Helena St, and Station Street.

Walmart Construction Management & Inspection Services, City of Ridgecrest, California. Project Manager/Construction Manager. Mr. Bustos was responsible for submittal review and coordination as City representative for all offsite improvements within City right of way, and periodic inspection of on site improvements. Willdan performed technical inspection services for onsite and offsite grading, street construction, drainage channel construction, drainage culvert construction, asphalt placement, concrete construction and earthwork activities.

Bastanchury Road Way Widening, City of Yorba Linda, California. Project Manager/Resident Engineer. Provided construction engineering, responsible for processing submittals, RFI’s, claims, and other appurtenant work. Willdan provided construction management inspection, material testing, and other related services for the City of Yorba Linda’s Bastanchury Road Way Widening Project. The project involved construction of new drainage improvements, sidewalk, curb/gutter, asphalt overlay, street reconstruction, and other appurtenant work.

South China Lake Street Pavement Rehabilitation, Bowman Rd to Southerly of College Heights, City of Ridgecrest, California. Project Manager/Resident Engineer. Willdan provided design, bidding assistance, and construction engineering services for federally-funded street reconstruction on South China Lake Boulevard between Bowman Road and approximately 1000 feet southerly of College Heights Boulevard. This segment of China Lake Boulevard is a four-lane principal arterial street on the National Highway System (U.S. 395 Business Route). Willdan’s services included utility notices and coordination; geotechnical investigation; environmental clearances; plans, specifications, and estimate preparation; bidding assistance; engineering support during project bidding and construction; construction management, inspection, labor compliance, quality assurance materials testing, and federal funding administration.
West Ridgecrest Boulevard Reconstruction, City of Ridgecrest, California. Resident Engineer responsible for overseeing construction, labor compliance, material testing, public works observation, and biological monitoring services for a $6 million federally-funded roadway reconstruction. Willdan provided resident engineering, construction inspection, quality assurance materials testing, labor compliance, and federal funding administration. The project widened Ridgecrest Boulevard between Mahan Street and Downs Street and fully reconstructed the existing roadway between Downs Street and China Lake Boulevard. Project components included grading, full depth reclamation, HMA paving, drainage improvements, street lighting, traffic signals, landscaping, and ADA improvements.

Westlake Village Community Park, City of Westlake Village, California. Project Manager. Mr. Bustos has served in the capacities of project engineer/designer, construction manager, and project manager for this multiphase project to construct a 20-acre park in the City of Westlake Village. The project has included 12 construction contracts to date through the various phases. Individual contracts have included mass grading and drainage, site utilities, pump stations, access roads, retaining walls, landscaping and irrigation, YMCA building, skate park, sports fields construction, play equipment, and synthetic turf installation.

Connector Pipe Screen Installation, City of Monrovia, California. Project Manager. Responsible for managing all aspects of design, permitting, and construction management and inspection services. The goal of the project was to retrofit all existing City and Los Angeles County Flood Control District (LACFCD) catch basins within the city limits in order to comply with the Trash Total Maximum Daily Load (Trash TMDL) requirements established by the Los Angeles Regional Water Quality Control Board. Services include catch basin inventory, permitting assistance, design, and inspection.

La Brea Avenue Pavement Reconstruction Project, Phase II, DEM04L-5164(028), City of Inglewood, California. Mr. Bustos served as Construction Manager/Resident Engineer for this $5 million federally funded roadway reconstruction project. Willdan provided resident engineering, construction inspection, labor compliance, Caltrans Local Assistance office coordination, and quality assurance testing services to fully reconstruct the AC pavement roadway on La Brea Avenue and Hawthorne Blvd between 104th St and Market St. In addition, Willdan handled all aspects of the Federal-aid assistance process. The general nature of the work involved complete removal and hauling off existing asphalt concrete and full reconstruction of the existing roadway with hot mix asphalt over compacted aggregate base. The project scope also included PCC bus pads, minor concrete including utility frame cover adjustments, sidewalks, driveways, median curbs, and removal and replacement of concrete ADA ramps, an automatic irrigation system, tree planting, and striping / signage. Mr. Bustos’ project responsibilities included contract administration, progress payment review and processing, change order preparation, and inspection coordination.
Raj Gupta
Senior Public Works Observer

Mr. Raj Gupta has more than 31 years of extensive experience in the field of Civil Construction Industry, including infrastructure, highways, bridge structures, water mains, storm drains, sewer, community development, and utility relocation construction projects covering all its facets. He has extensive experience with planning, constructability reviews, investigations, documentation and evaluation, project management and construction supervision of projects funded by State and Federal government agencies.

Mr. Gupta has experience working in the capacities of a Team Leader, Chief Inspector, Senior Field Engineer, Field Engineer, Assistant Resident Engineer, and Public Works Observer. This experience has developed and enhanced his skills in project supervision, inspection and monitoring of construction, reconstruction and maintenance activities work of various infrastructural/highway projects. He has gained considerable experience in Quality Assurance Programs, scheduling of QA/QC works, evaluation of extra work and change orders, site instructions, contract management, and reviewing payment applications, claims & disputes, and implementation of Cal-OSHA and SWPPP programs along with various other assigned management duties.

Relevant Project Experience

Bear Valley Road and Cumberland Road Rehabilitation, Bear Valley Community Services District. Public Works Observer. Willdan was retained to provide preliminary engineering and construction engineering services for this $4 million pavement reconstruction project. The project included culvert construction and replacement, water improvements, repaving of approximately 8 miles of District roads, and pavement delineation. Mr. Gupta was responsible for daily observation of the contractor’s activities, confirming conformance to the approved plans and specifications, verification of quantities, monitoring extra work, and reporting to Willdan’s Resident Engineer.

Bastanchury Road Widening, City of Yorba Linda, California. Public Works Observer. Willdan provided construction management inspection, material testing, and other related services for the City of Yorba Linda’s Bastanchury Road Way Widening Project. The project involved construction of new drainage improvements, Filterra units, sidewalk, curb/gutter, asphalt overlay, street reconstruction, and other appurtenant work.

2014/15 Mid-Year Curb, Gutter & Sidewalk Project - Zone 2, City of Rialto, California. Public Works Observer. Willdan provided inspection for the City's Zone 2 curb and gutter repair project. The project involved the removal and replacement of damaged sidewalk, curb, gutter, cross gutter, driveways, and other PCC improvements. Mr. Gupta was responsible for daily observation of the Contractor’s activities, marking out repair areas, verifying conformance to the contract documents, monitoring installed quantities, and monitoring extra work.

Widening for HOV lane and strengthening of the existing lanes on Freeway-I-15 in Cajon Pass, Victorville, California, Caltrans. (Parsons Brinkerhoff Inc.) Senior Field Engineer/Lead Person. Mr. Gupta inspected the freeway widening construction work, which included placement of base, sub-base, concrete pavement, drainage structures, backfilling, erosion control, SWPPP, and traffic maintenance in accordance with Caltrans manuals and specifications. He also observed Caltrans closure requirements for lane closures, coordinated with state and other agencies personnel, prepared daily reports, and performed other management duties.

Baseline Avenue / I-15 Interchange Project, SANBAG/Caltrans. (Arcadis and Falcon Engineering, Inc.) Chief Inspector/Lead Field Engineer. The project consisted of the construction and widening of I-15 southbound and northbound ramps using new
under pass bridge structures, improvements & widening of Baseline and East Ave streets, utility relocations including IEUA-36" reclaimed water main, fire hydrants, CVWD water meters, sewer and storm drains, sound walls, anchor walls and retaining walls. Mr. Gupta's responsibilities included providing construction management activities such as coordination with various contractors and agency personnel, timely communications, SWPPP and BMP monitoring; monitoring ramp closures for night work, observing all contractor work for compliance with contract documents and specifications; coordinating with various utility agencies for relocation work, assisting the Resident Engineer with review of change orders, claims, monthly payment applications, reviewing submittals, coordinating with field staff members and others in scheduling requested field tests and surveys as desired by contractor, and attending weekly construction meetings and partnering meetings.

**Citrus & Cherry Ave. / I-10 Interchange Project, SANBAG/Caltrans, Fontana, California.** (Arcadis and Falcon Engineering, Inc.) Chief Inspector/Lead Field Engineer. The $90 million project consisted of constructing overpass architectural shaped bridge structures over I-10 Freeway and widening of UPRR railroad bridges, constructing new ramps, Mural type designed Retaining Walls, MSE walls and Sound walls, 12x48ft RCB and 96" RCP drainage system placement, JPCP lanes construction, detours, traffic lights, landscaping, placing new Improvements and widening of Citrus and Cherry Ave, and relocating utilities. Mr. Gupta's was responsible for construction management activities including coordinating with various contractors and agency personnel who come on site, timely communications, verifying proper implementation of specified traffic safety devices conforming to CAMUTCD, monitoring closures for night work, checking all contractor work for compliance to contract documents and specifications, issuing non-conformance reports, coordinating relocations with various utility agencies, and reviewing extra work bills, claims, payment applications, reviewing submittals, attending weekly and partnering meetings, and various other assigned management duties.

**Strengthening and Widening of 2-lane to 6-lane Toll Expressway, in State of Raj., India.** (NHAI) National Highway Authority of India Sr. Highway Eng/Team Leader. The project consisted of rehabilitation and widening of a 2-lane toll expressway to 6-lanea. Mr. Gupta's work included supervision and monitoring of construction work during construction of 54 miles of highway to new alignment and grades, construction of new Six-lane twenty-four minor Bridges, four flyover Rail road bridges, one major Bridge, four Flyovers/grade separators, eleven Vehicular Underpass Structures, five Pedestrian Underpass Structures, Street lighting, RE walls, highway drainage, median plantation, construction of truck lay byes with public rest area facilities, construction of Toll-way building etc. Mr. Gupta was also responsible for scheduling and checking QA testing for materials being used and making sure work adheres to specifications and contract documents. He prepared and process monthly pay applications, change orders authorized by the Authority, preparing work completion certificates for construction milestones achieved and recommending authority penalties in accordance to contract agreement if any, acting as liaison between community representatives/leaders, authority representatives and Concessionaire/contractors for the public safety aspects needs/or concerns resolutions, monitoring and supervising the maintenance and safety of the project, and conducting regular meetings with representatives of authority and concessionaire to resolve pending issues.
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EXHIBIT B – FEE PROPOSAL

Our proposed not-to-exceed fee for the Scope of Work identified above is $33,600.00 and is based on a construction timeline of 40 working days, invoices will be submitted monthly with back-up information substantiating all charges to date. All invoices must be submitted prior to the CDBG-funding Sunset Date of December 31, 2017. Mileage expenses will be reimbursed for drive time between any County projects being constructed concurrently with this contract, at the current Federal guideline rate at the time of billing, plus 10% markup. Overtime hours will be billed at 1.5 times the normal hourly rate.

All work associated with this proposal will be performed pursuant to Willdan's current Mariposa County on-call professional services agreement 16-017, dated April 16, 2016. The following is Willdan’s cost breakdown to provide construction engineering services:

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<th>Classification</th>
<th>Rate</th>
<th>Hrs.</th>
<th>Total</th>
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<td>Construction Manager/Public Works Observer</td>
<td>$131</td>
<td>192 Hrs.</td>
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<tr>
<td>Construction Manager/Public Works Observer Overtime</td>
<td>$196.50</td>
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<td>Resident Engineer</td>
<td>$180</td>
<td>12 Hrs.</td>
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<tr>
<td>Total Not-to-Exceed Fee</td>
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Thank you for this opportunity to be of continuing service to Mariposa County. We recognize the importance of this project to the County and are committed to realizing its timely and successful completion. Should you have any questions regarding this proposal, please contact Mr. Mike Bustos at (805) 279-6870.

Respectfully submitted,

WILLDAN ENGINEERING

Approval and Authorization to Proceed By:

MARIPOSA COUNTY

[Signature]

Mike Bustos, PE, ENV SP
Deputy Director of Construction Management and Inspection Services

Date: 12/19/2017

Enclosure

9100506-150P15-193R2_11733

APPROVED AS TO FORM:

[Signature]

STEVEN W. DAHLEM
COUNTY COUNSEL