

## STAFF REPORT

**DATE:** June 30, 2020

**TO:** City Council

**FROM:** Ashley Feeney, Assistant City Manager  
Greg Mahoney, Assistant Community Development and Sustainability Director  
Kerry Daane Loux, Sustainability Coordinator

**SUBJECT: Proposed Consultant Selection for the 2020 Climate Action and Adaptation Plan Update**

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### **Recommendation**

1. Approve the attached Resolution (Attachment 1) that authorizes the City Manager to execute a consultant contract with AECOM for the 2020 Climate Action and Adaptation Plan (CAAP) Update, based on the Consultant Proposal and Scope of Work (SOW) submitted January 10, 2020, and as amended to increase staff capacity and reduce consultant fees. These amendments are addressed in this staff report.
2. Authorize the City Manager to make minor adjustments to the 2020 CAAP SOW as necessary to address community engagement in light of social distancing requirements or other issues as the pandemic situation evolves, to incorporate additive alternate items, and/or to provide details on other SOW elements.

### **City Council Goals**

The proposed actions directly support the City Council Goal to Pursue Environmental Sustainability. Additionally, the 2020 CAAP Update supports the *Resolution of the Council Declaring a Climate Emergency and Proposing Mobilization Efforts to Restore a Safe Climate*, adopted in March 2019, which states, in part, that “the City of Davis commits to taking significant action to move toward net municipal and community carbon neutrality in the short term, with maximum efforts to implement carbon reduction actions by 2030; and accelerate the existing 2050 Davis carbon neutrality goal to a 2040 target. The City of Davis and City Council will...accelerate a robust update to the Davis CAAP and integration with the City’s updated General Plan.”

### **Fiscal Impact**

The fiscal impact associated with these actions will include the cost of the consultant contract and other expenses, not to exceed \$245,551 in the base contract, with optional additive alternates as identified which could be authorized by the City Manager provided that the total amount of the base contract and any additional additive alternatives not exceed the total budgeted amount of \$428,804. The CAAP will be funded by using the appropriation from Fiscal Year 19/20 from Roadway Impact Fund (485) and appropriation from Fiscal Year 20/21 from Water and Solid Waste Funds.

Staff requested \$500,000 in the fiscal year 2019-20 budget, approved and included in the budget as a combination of budget allocation and potential grant awards. Based on this action, the City’s Consultant Request for Proposals stated that compensation will be based on a time and expense basis, with a not-to-exceed total cost of \$350,000 to \$400,000. Remaining funding was identified for the recently completed Regionally Integrated Greenhouse Gas (GHG) Inventory and other actions, including potential optional tasks. Consultants were encouraged to propose a list of optional tasks that they deemed necessary and appropriate to achieve the project objectives, along with additional costs that the City might consider, subject to approval by City Council.

At this time, the following are the proposed funding allocations for the current CAAP effort:

<b>Total Current, Proposed and Potential Costs</b>		
Action Item	Timeframe	Cost
Regional GHG Inventory for Yolo County, Davis, Woodland, Winters, managed by Yolo County with MOUs between each agency (\$63,195 total)	In Progress, Final Draft completed 5-1-2020	\$23,087 (Davis share) INVOICED
CAAP contract with AECOM (amended base fees)	2020-21	\$245,551 PROPOSED CONTRACT
Optional additive alternate items in contract, including and GHG Thresholds of Significance. These items have been reduced from the consultant scope and fees, and will be completed by staff, with consultant guidance and templates. They may be added back in if necessary.	Add Alts	+/- \$125,000 OPTIONAL ADDITIVE ALTERNATES
Environmental review (CEQA) to be completed at a later time	TBD	+/- \$75,000 NIC
<b>Total Current, Proposed and Potential Costs (2019-21)</b>		<b>\$468,638</b>

## **Background**

The proposed project recommends AECOM as the selected consultant to assist City of Davis staff with a 2020 Update to the City of Davis 2010 Climate Action and Adaptation Plan (CAAP). Preparation of related environmental review in conformance with the California Environmental Quality Act (CEQA), and preparing recommendations for the possible implementation of a Local Greenhouse Gas (GHG) Offset Program to establish a carbon mitigation fund are being modified in the base contract and/or recommended for postponement to a later time due to current budgetary concerns.

This recommendation follows a 2020 CAAP Request for Proposals released November 14, 2019; staff review and ranking of five proposals submitted on January 10, 2020; interviews of three firms conducted on February 13, 2020; and staff contact with all references provided by the top ranked firm. More information on the recommended consultant selection is provided below.

The City's current CAAP was adopted in 2010. It was developed and written in-house when climate action plans were in their infancy. Following significant community engagement (over roughly a two-year period assisted by a consultant team), the approved 2010 CAAP identified a vision for City of Davis community carbon neutrality by 2050. The CAAP also identified the need for an update in 2015, however, due to limited staff capacity and resources, the CAAP has not been updated until now. Incremental work on the CAAP has occurred over the last ten years; however, target actions have changed, been added or accomplished, or even become invalid.

In March 2019, the Davis City Council adopted the 'Resolution Declaring a Climate Emergency and Proposing Mobilization Efforts to Restore a Safe Climate'. This Resolution made commitments that include updating the CAAP and accelerating the existing Davis carbon neutrality goal to 2040.

In August 2019, the City Council approved the proposed process for the 2020 CAAP Update and community engagement process, including selecting a consultant to assist staff, local community partners and experts, and the broader community to develop the CAAP. The scope of services includes a comprehensive community, stakeholder and commission engagement plan, integral to creation of the 2020 CAAP Update; identification of GHG reduction targets and measures; assessment of climate change vulnerabilities and identification of adaptation strategies; development of clear and transparent implementation and monitoring procedures; management of project to complete the draft CAAP document, the public review and comment period and the final 2020 CAAP; and completion of CEQA environmental review and updated thresholds of significance applicable to residential/non-residential and other development projects and actions.

The Natural Resources Commission will be the lead advisory body to the CAAP process and to City Council. Following City Council approval of the recommended consultant selection, staff and consultant will develop a full schedule to engage other city advisory commissions in the process so all commissions, stakeholders and community members will be given ample opportunity to have significant involvement and input throughout the process. The proposed scope of work includes the following components of robust community engagement: commission and council presentations, creation of a science/technical advisory committee,

community workshops, pop-up engagements, development of ‘meetings in a box’, online surveys, social media platforms, and outreach promotion and advertising. Some of these elements will be completed at the direction of staff, with consultant guidance and templates, and potentially with the assistance of City of Davis partners, commissions and local experts. These components, as identified in the SOW, may be modified slightly and as necessary as responses to the current pandemic evolve. Staff is working with the consultant to identify optimal approaches within the proposed SOW and staff/consultant work.

### **GHG Emissions Inventory and Forecasts**

A 2020 Regionally Integrated GHG Inventory establishing current baseline information has been completed in draft form, May 1, 2020 as a task outside this Scope of Work (participating jurisdictions include Yolo County and Cities of Davis, Winters and Woodland). This GHG Inventory, based on 2016 data, adds to the baseline information prepared in two previous ICLEI protocol-based GHG inventories (2008, 2012) completed for City of Davis, and includes community and municipal emissions data for each of the partner agencies and county-wide data. The Regionally Integrated GHG Inventory will be available for use in development of the 2020 CAAP.

### **2020 CAAP Objectives**

The 2020 Climate Action and Adaptation Plan will be the City’s roadmap for achieving newly established 2040 GHG and carbon neutrality reduction goals including the potential for electrification, transportation measures, food and agriculture, water, waste and other sectors. The updated CAAP will be reader friendly with clear strategies to enable the City and the community to achieve or exceed GHG reduction goals. CEQA review is included so that the 2020 CAAP can be used for future project streamlining and consistency.

The primary objectives for updating the existing CAAP were identified by City Council as:

1. Establish a visionary statement of Davis’ commitment to climate action and the resolution to attain community carbon neutrality by 2040, in light of the State of California’s established zero carbon target of 2045 (2018 Governor’s Executive Order).
2. Define ‘carbon neutrality’ for the Davis community.
3. Realistically address progress metrics toward carbon neutrality and effectiveness of mitigation, resiliency and adaptation actions identified in the 2010 CAAP—including successes and inadequacies—in order to evaluate the context for the City of Davis 2020 CAAP Update.
4. Comply with new California legislation to reduce greenhouse gas (GHG) emissions, address climate adaptation and incorporate environmental justice enacted since 2010. These include Senate Bills 379 (2015) and 1000 (2018), 2018 Executive Orders; California Air Resources Board (CARB) 2017 statewide scoping plan; and Office of Planning and Research (OPR) General Plan requirements. The 2020 CAAP will also continue to comply with 2006 AB 32 (CA Global Warming Solutions Act) and SB 375 (Sustainable Communities Act, updated 2018).

5. Position the City to incorporate CAAP information into the General Plan Update, including the Safety Element and sustainability issues throughout the General Plan.
6. Provide a robust and defensible plan on which to base future CEQA documents, eliminating need for project-by-project analysis and ad-hoc mitigation.
7. Identify and prioritize feasible, measurable and enforceable GHG reduction actions in the CAAP that address realistic fiscal and resource limitations.
8. Provide an accurate, easy-to-update publicly accessible and engaging system for tracking progress for CAAP implementation.
9. Evaluate and recommend parameters for a potential Local GHG Offset Program which establishes a mitigation fund for improving the existing built environment, transportation approaches and/or other community sustainability goals.
10. Implement learnings and best practices from local, regional, state, national resources.
11. Engage a broad cross-section of the community and leverage resources of partners, local experts, and major educational and civic institutions in the region to develop, promote and implement the 2020 CAAP. Build a shared commitment to emissions reduction and adaptation measures across city departments, the public and business community.
12. Pursue creative and innovative solutions that improve community quality of life and economic opportunity, while meeting obligations for climate action and adaptation.

### **Anticipated Timeline**

Staff anticipates the timeline for the 2020 CAAP will be 1.5 to 2 years total, including significant community engagement throughout the process. Subsequent CEQA-based environmental review will be started as a separate contract approximately at the end of Year 1, and completed concurrently with the completion of the Final CAAP document. Implementing the recommendations for a potential Local GHG Offset Program to establish a mitigation fund for improving the existing built environment, transportation approaches and/or other community sustainability goals may be completed within this timeline, or may be completed as an optional subsequent task, depending on results and community input to the study.

### **Process for Recommended Consultant Selection**

City of Davis received five consultant proposals in response to the Request for Proposals for the 2020 CAAP Update. Initial ranking of the proposals by six inter-departmental staff members resulted in AECOM (88.3 points/100 average); Cascadia (87.1 points average); Ascent Environmental (86.7 points average). As the remaining two firms were at or below 70 points average, creating a clear dividing line in the rankings, these three firms were selected for interviews on February 13, 2020.

The interview panel included Adrienne Heinig, Management Analyst, Public Works: Utilities and Operations; Greg Miller, Natural Resources Commission; Jessica Lynch, Senior Planner, Community Development and Sustainability; and Kerry Loux, Sustainability Coordinator, Community Development and Sustainability.

Each interview was 45 minutes long, including a prepared presentation of up to 15 minutes, and followed by questions which had been sent to consultant teams prior to the interviews. Following discussion after all firms were interviewed, the panel unanimously recommended AECOM as the consultant for the project.

AECOM's proposal and interview provided the most appropriate and customizable approach to a 2020 CAAP that is technically correct, and would provide the City with tools and knowledge to assist in completing implementation of the plan with substantive community engagement. The overall CAAP project approach seemed balanced, comprehensive and responsive to the RFP and the city's needs. Detailed information about what can be expected related to the process and the CAAP content were provided. AECOM proposes leading the community engagement process internally, rather than with a consultant. Additionally, AECOM has relevant experience in the Central Valley and with Davis specifically, and provided an approach that will allow for an innovative and visionary CAAP.

AECOM made a point to discuss the importance of prioritization of measures identified during the process by staff, community input, and implementation of known best practices. Their approach recognized that the best chance for the CAAP implementation success is to focus and streamline a set of prioritized measures, rather than a 'kitchen sink' approach. This would enable the City to hone in on funding opportunities and provide staff with a simplified set of measures that could be applied to most projects. The four page 'Priority Action Area' documentation provided for a similar project was impressive. Further, the streamlined document they described would be accessible to citizens and businesses, allowing for the entire community to be a part of the implementation.

AECOM also demonstrated great sensitivity to role that costs and funding would ultimately play in implementation of the plan, and part of their proposal would be to include information on optimal timing of needed actions based on economic analyses. They proposed to provide the City with recommendations for funding for future implementation projects and measures required to achieve net zero carbon.

The interview panel discussed the benefits of the AECOM team approach related to subsequent development of a local greenhouse gas (GHG) offset program, CEQA documentation, and integration with General Plan update.

Lastly, AECOM was the only team that mentioned the importance of first working with the City to define what net zero carbon means, and to include community engagement in the discussion. The community engagement, informed and tempered by staff and consultant expertise provides the basis for the entire document.

### **References**

Following review of the panel's recommendation of AECOM as the selected consultant by the city-wide sustainability team, staff contacted other local agencies (West Sacramento, Yolo County) who are also in the process of Climate Action Plan updates, and all of the references provided by AECOM to assess the firm's performance with other similar projects.

City of West Sacramento also selected AECOM for their CAP Update in November 2019, following an open RFP process. Following proposal review and interviews, AECOM was the clear top choice for them, and provided the best scope of work.

AECOM provided descriptions of a number of relevant local, national and international climate action and adaptation projects. Some of these in the Central Valley include the Woodland CAP/EIR, Delta Stewardship Council Adaptation Plan, Citrus Heights GP Update, CAP and EIR, Roseville GP/EIR, and Greenhouse Gas Assessment).

Additionally, specific provided references and were contacted that included the City of Dallas, the City of Long Beach and the City of Somerville, MA. The references supported the decision to move forward with AECOM.

Other references contacted included City of Woodland and City of La Mesa.

### **AECOM Fee Proposal and Scope of Work**

The originally proposed base fee proposal from AECOM was comparable to other consultant team proposals, and within the city-provided range, at \$396,911. This includes all project management; city, stakeholder and community engagement provided by AECOM; identification of GHG reduction targets and measures; vulnerability assessment, implementation and monitoring; document preparation, CEQA review; and development of a approaches to a local GHG Offset Program. Work by subconsultants Fehr and Peers and Energeia-USA is included for transportation and energy issues.

The current proposal is to shift some of the proposed SOW items to staff in order to reduce base contract fees to a maximum of \$250,000. All SOW components that have been removed or amended from the consultant base contract will still be considered to be part of the SOW, either now or in the future. The work will be completed by staff with templates and guidance provided by the consultant and/or included in the base contract as additive alternates to be added as warranted. More information on the SOW is below.

### **Information Related to the Consultant Contract for Services, including NRC Review and Comments**

Based on Community Development and Sustainability management/staff review of the Scope of Work (SOW) provided in the AECOM Proposal and discussion/input from Department Directors at recent city-wide sustainability team meetings, staff met with Claire Bonham-Carter, AECOM Vice President and Project Director; Josh Lathan, Project Manager, to discuss and update the proposed SOW. Elements of the discussion included clarifying expectations about City of Davis staff capacity to assist with CAAP implementation, addressing optional/innovative additional services, and focus on community outreach elements.

Further internal discussion with staff identified the need to address the option for reduced fees as a fiscally responsible approach to the CAAP contract, given economic uncertainties due to the COVID-19 pandemic.

This approach, approved internally, was the basis for the Staff Report to the NRC on June 3, 2020. At that meeting, the following motion was made by Hannah Safford, seconded by Alan Pryor, and passed unanimously 7-0 (Abramson, Doss, Johnston, McCann, Miller, Pryor, Safford):

*The Natural Resources Commission recommends approval of the CAAP SOW presented in the June 3, 2020 Staff Memorandum to the NRC: Climate Action and Adaptation Plan Implementation and Consultant Scope of Work. The NRC generally supports the scope of work, and expresses enthusiasm that the CAAP process is moving forward. The NRC recommends that the City engage available resources of funding, staff capacity, commissions and community members to actively and robustly manage the project.*

Discussion at the NRC meeting included the following NRC recommendations:

1. The NRC's main concern is the availability of staff time and capacity to complete the tasks that have been removed from the consultant SOW in a timely and robust manner. Although the revised SOW and consultant contract will include all the tasks previously identified, but will shift responsibility for some tasks from the consultant's SOW to staff, each of these items will be included in the contract as additive alternate tasks in the event that they need to be added back into the consultant contract. Given that it is crucial to have CAAP priorities and standards in place as new development projects come forward, the NRC would like to recommend that the proposed timing for completion of the CAAP process of one to two years be adhered to, and that the option of adding consultant SOW items back into the base contract be fully embraced if the timing is being delayed.
2. The NRC recommends that the Local Greenhouse Gas Offset Program (Task 7) should be included in the base contract with the consultant as an integral part of the process and community engagement. This is an important component of the objectives and package of strategies proposed by City Council action and within the RFP.
3. NRC members expressed support for the components within the SOW, including addressing social equity and underrepresented community members.
4. The NRC is pleased to be identified as the main advisory body to participate in the CAAP process. NRC members expressed the importance of relying on known local experts from the community, commissions and university in a range of fields including energy, transportation, water and other priority areas. NRC members are willing to help to host expert panels and collaborate with staff and consultant.
5. Related to the Financing and Funding Options (3.4), the NRC feels that staff has intimate knowledge of city finances and budgets, and should participate substantively in implementing this effort with the consultant providing technical expertise and guidance on available funding sources and successful implementation measures.

Staff and City Council may consider these additional recommendations from the NRC relating to the proposed SOW.

Following the NRC review and recommendations, the scope of work was discussed with AECOM. One of the options to address NRC concerns related to including the Local Greenhouse Gas Offset Program (item 2 above) and considering the importance of the consultant input to



Financing and Funding Options (item 5 above) was to combine these two components within the currently proposed scope item. The following is the response from AECOM:

The current proposed base contract includes \$15,000 associated with the task: Financing and Funding Options. Per our discussion on Monday, 6/22/2020, we considered options that might include some of this financing task and some of the GHG Offset Program task, if we felt it made sense. We propose the option below to keep within the \$15,000 budget, and provided some additional context information in the next section to support your decision making.

Include Task 7.1 (Offset Programs Comparison) from our proposal; AECOM would have a meeting with City staff and the NRC to review existing offset programs and how they work and discuss the City's ultimate goals related to such a program. AECOM would then provide a memo comparing existing programs that are closely aligned with the City's goals, lesson learned from these programs (where available), and some next step options for the City. AECOM would not include Task 7.2 (Offset and Alternative Funding Program) from our proposal in this option. AECOM would then use the remaining budget to do a very light-touch analysis of funding and financing sources for a sub-set of actions.

Staff proposes including this option in the contract, and keeping the funding for this task at the same level as currently proposed (\$15,000). The following is the additional context information provided by AECOM, which helps explain the approach described above, and which is now intended to be included in the base contract.

Additional Context: AECOM gave some more thought to the idea of merging the financing/funding and carbon offset program tasks and have provided some thoughts below for your consideration.

#### Task 7 Local GHG Offset Program

We note that staff and the NRC think Task 7 is a valuable addition to the base contract, but it currently is not included due to budget considerations. Above AECOM proposed an option that would include part of this task (Task 7.1). We have provided some additional thoughts below on why this could be a good compromise to achieve one of the main objectives of this task.

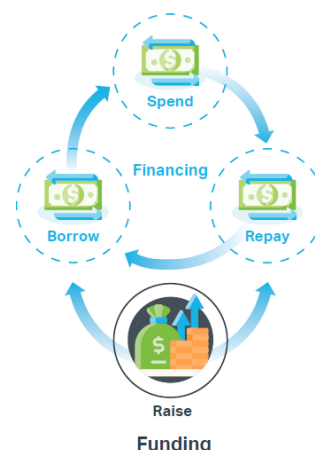
Including Task 7.1 from our proposal could be a highly useful exercise to get everyone on the same page about their interpretations of a local GHG offset program and the goals/objectives for developing one. In our experience, there is a lot of information about offsets and carbon credits that use terminology inconsistently. And, the conversation can get mixed into discussions about emissions removal and sequestration, which further muddies the waters. Task 7.1 would help stakeholders to understand these different terms and how they relate (or don't) to a local CAAP and local carbon neutrality target; we could then set a course for the City from there.

We have learned that these topics do not connect in the way everyone might be imagining initially. However, we would approach this task with the understanding that the City is interested in addressing the problem of global climate change and wants to achieve solutions in the most financially feasible and efficient manner. This viewpoint then helps the appropriate program to unfold (which might not actually be a local GHG offset program).

### Financing and Funding Options

We have included some brief additional language to provide a better sense of the type of work we would include in the Optional Task: Financing and Funding Options. We are providing this to help clarify what that analysis would include since the NRC's comments suggested they thought this task was about assessing the City's budget (which they rightfully noted is best performed by City staff).

AECOM's local economists are deeply knowledgeable about the challenges associated with identifying, securing and deploying funding and financing in support of resilient infrastructure in California and beyond. We recognize the importance of developing a realistic and actionable funding and financing strategy for climate adaptation. To this end, we will review a range of financial tools that could be pursued by Davis for a short list of priority actions. Tools for consideration include but are not limited to federal formula and discretionary grants, state bond revenues, state climate and resilience-related grant programs, and other tax, assessment and fee structures. In the memo, we will distinguish between funding and financing tools, provide information on the compatibility between various funding and financing sources, and determine applicability to different types of investment spending, such as capital expenditures and operating expenses.



Example table: Potential Criteria for Evaluating Funding and Financing Tools

Finally, related to postponing the CEQA Environmental Review and updated GHG Thresholds of Significance until a later time at the end of the process, staff asked AECOM if it is possible to identify the GHG Thresholds of Significance in advance of completing the CEQA/EIR documents. AECOM's response was:

"Yes, it is not only possible to do this, but is preferred." Since the City has already adopted a resolution or taken some action about achieving carbon neutrality as the long-term target, we may want to have a nearer-term (e.g., 2030) target that also serves as the threshold for overall citywide emissions rates. AECOM thinks it is good to come up with CEQA thresholds/nearer-term GHG target ahead of the EIR, but that the City should wait to adopt such a threshold until the EIR can provide coverage for it. The scope related to this topic is Task 6.3 in AECOM's proposal, at a fee of \$27,860.

Since staff believes this CEQA analysis an important component to consider, which is not currently in the base contract, we will include this as one of the additive optional items in the contract so that it can be added if desired.

## **Proposed Scope of Work in Base Contract and Additive Alternates**

The full proposed AECOM/City staff CAAP SOW is as follows:

### **TASK 0: PROJECT MANAGEMENT**

#### **Subtask 0.1 Project Kick Off**

AECOM will attend a project kick off meeting with key City staff to discuss and confirm scope, budget, deliverables and time frame. This meeting will also be used to confirm desired protocols regarding communication between the City and AECOM project manager. Following this meeting, and in consultation with subconsultants Energeia-USA and Fehr & Peers AECOM will create a detailed timeline with milestones and dates that the City can expect draft and final deliverables with clear review periods for City staff identified.

#### **Subtask 0.2 Monthly Progress Meetings**

The AECOM project manager will attend monthly progress meetings with the City team, with the project director and other team members participating on an as needed basis according to the agenda. The meetings will be held by phone or a web-based meeting platform, unless in-person meetings would be helpful given the meeting content to discuss and/or advisable given current conditions.

#### **Subtask 0.3 Project Management**

AECOM has implemented a Quality Management System (QMS) as part of the ISO 9001 certification program. AECOM's QMS procedures are followed for all four major phases on every project: proposal, project planning, project execution, and project closure. All deliverables under this contract will follow QMS procedures to produce quality results, focus on client satisfaction, reduce risk and liabilities, and strive for continual improvement. This process has also proven to improve efficiency, resulting in time and cost savings. Regular communication, particularly around issues of schedule or budget, is essential. AECOM's project management assistant team will support budget/financial analysis, cost forecasting, reporting, project scheduling, and deliverable tracking. The Quality Assurance/Quality Management system described above will ensure that resources are managed effectively.

#### ***Subtask 0 Deliverables:***

- Kick off meeting minutes
- Monthly progress call minutes

#### ***Assumptions:***

- All deliverables (powerpoints, memos etc.) for ALL tasks will be provided as one draft, and then updated to a final from one set of consolidated comments from City staff.

### **TASK 1: CITY, STAKEHOLDER AND COMMUNITY ENGAGEMENT**

**NOTE:** This task will be largely performed by City staff, as noted in memorandum above, with templates, guidance and other materials provided by AECOM.

The community engagement plan will include a wide variety of methods to maximize participation and make every attempt to engage "hard to reach audiences" as described in the

City of Davis Communications Strategy Plan. AECOM understands that the full engagement plan will be developed in consultation with the City and a different mix of the following methods may be preferred by the City.

**Table 1: Summary of Proposed Community Participation Method**

<b>METHOD</b>	<b>PROPOSED OUTCOMES</b>
Commission and council presentations	<i>Ensure political support for and smooth adoption of the CAAP. AECOM will produce presentations for 4 meetings; City staff will be responsible for giving presentations.</i>
Technical/scientific advisory committee	<i>Regularly solicit feedback throughout the CAAP process from dedicated stakeholders/local technical experts. AECOM and city staff will co-develop agendas and identify objectives and outcomes for meetings. AECOM will not attend meetings but will provide limited presentation material. Assume the meetings are more discussion than presentation, City will provide meeting logistics, facilitation and note taking.</i>
Pop-up engagements	<i>Engage residents where they already gather by harnessing student and/or neighborhood ambassadors. AECOM will provide one set of pop-up materials for use by city staff and partners. City will attend all pop-up events and record notes/feedback in electronic format</i>
In-person workshops	<i>Provide opportunity for in-depth participation for those with strong interest. AECOM will provide materials for four on-line meetings. City will organize publicity of online materials via website, mailing lists. Staff will help manage technology of online meetings. City will co-develop materials.</i>
Meeting in a Box	<i>Provide interested residents with materials and resources to host informal meetings and capture feedback. Should small in-person or zoom meetings be desired, City will use other AECOM materials to prepare ‘meetings in a box’. City will publicize online materials for groups to use.</i>
Online surveys	<i>Gather information that can be easily analyzed from a large number of residents (and businesses). AECOM will help design and set up online surveys (e.g., Survey Monkey) with multiple choice response; City will help design survey questions, and analyze free text answers (if applicable).</i>
Coordinate with local non-profit and other partners	<i>Leverage existing partnerships</i>
Online civic engagement platform	<i>Facilitate a moderated online discussion between residents; between residents and the City</i>

### Subtask 1.1 Commission and Council Presentations

#### *Subtask 1.1 Deliverables:*

- Meeting materials for four (4) Natural Resources Commission and/or City Council meetings

#### *Subtask 1.1 Assumptions:*

- City staff will be responsible for presenting at any remaining Natural Resources Commission and City Council meetings

### Subtask 1.2 CAAP Technical/Scientific Advisory Committee (NOTE: City staff and partners will take the lead on this task)

#### *Subtask 1.2 Deliverables:*

- Review and provide input on staff provided list of potential members to receive invitation to participate

#### *Subtask 1.2 Assumptions*

- The City will be responsible for meeting logistics such as booking meeting venues and sending meeting invitations and facilitation of CAAP Advisory Committee meetings

### Subtask 1.3 Pop-up Engagements and Ambassador Program (NOTE: City staff and partners will take the lead on this task)

Using pop-up activities in places where people already gather, such as the Davis Farmers Market (bi-weekly), 2nd Friday ArtAbouts (monthly), the Davis Music Festival (June 19-21, 2020), outside grocery stores, etc. can reach a large audience, since many residents, especially members of working families, do not have the discretionary time or interest to attend a series of scheduled in-person meetings and may never see the advertising about them. Pop-ups at multi-cultural events, such as those organized by the India Association of Davis, Islamic Center of Davis, and/or the Davis International Festival could encourage more diverse participation. AECOM will work with the City project team to define the types of information to be conveyed through the pop-ups, which could include informational materials, opportunities to fill out paper or electronic surveys, and/or comment on boards organized by topic.

To reduce costs and increase the likelihood that residents will engage with these pop-ups, AECOM recommends creating an ambassador program, which could recruit university students and/or neighborhood representatives to staff the pop-up events. AECOM will develop materials for and host up to one ambassador training session (approximately one-hour) that includes the City project team, so that City staff can then facilitate additional trainings on an as-needed basis. Effort will also be made to recruit some ambassadors that speak Spanish.

#### *Subtask 1.3 Deliverables:*

- Pop-up engagement materials, such as posters/ boards, fliers, etc.
- Facilitation guide/training materials for ambassadors

#### *Subtask 1.3 Assumptions*

- City staff will coordinate with event managers to obtain permission to hold pop-ups at existing events as needed
- AECOM will develop materials for and lead up to one training of ambassadors

- City staff will communicate with ambassadors during pop-up event period
- Pop-up attendance would be attended by City staff

Subtask 1.4 Workshops (NOTE: City staff and partners will take the lead on this task)

Traditional in-person or zoom workshops remain important for those that wish to participate more deeply. Community workshops should 1) help stakeholders feel heard, 2) let stakeholders feel like owners of their own plan, 3) collect meaningful data, 4) use this data to create compelling data-driven communications, and 5) use these outcomes to drive plan strategy.

Following project kickoff, AECOM will work with the City project team to define the objectives, format, and agenda for six in-person workshops. AECOM will develop the supporting materials for each workshop and may co-facilitate workshop exercises with City staff. The six workshops will tentatively be organized as follows (subject to revision following project kickoff):

- **Workshop #1 - Introduction and Visioning:** A visioning exercise will be used to ask participants to provide their perspective and ideas on the CAAP and its goals and how potential actions should be evaluated and share with attendees the results of the GHG inventory work and the climate impacts assessment. It will outline the engagement process and could also be used to canvas ideas for pop-up engagements and recruit ambassadors (see above).
- **Workshops #2-5 - Workshops by Topic Area:** The second set of four workshops will be grouped by topic area, such as mobility & energy/buildings (Group 1) and waste, water & natural resources (Group 2). The specific grouping will be identified as the CAAP evolves, but AECOM suggests that both mitigation and adaptation would be discussed at each meeting so the CAAP goals remain integrated. In order to increase participation, these topic meetings will each be held twice, once during a weekday evening and once on the weekend (e.g., Group 1 weekday, Group 1 weekend). The GHG offset program would also be discussed at these meetings.
- **Workshop #6 - Feedback on Priority Actions:** The last workshop in the series will present and get feedback on the final priority actions to be selected for inclusion in the CAAP.

AECOM believes that community workshops are most successful when they include interactive games and exercises. At the time of workshop planning and development, if the City is interested and it fits the final workshop agendas, AECOM will provide and train staff on up to three climate-related games to workshops #2-5 to create a productive workshop experience. These games would include the Game of Extremes related to extreme heat and flooding, the Paying for Adaptation game, and a GHG mitigation game customized to reflect Davis' unique GHG inventory and emissions reduction options.

To maximize participation in these meetings, the plenary portions of each workshop could be livestreamed via Facebook (see below) and/or recorded and made available online for residents were not able to attend in-person to watch at their leisure. Where possible, opportunities to provide input similar to what was solicited at the in-person events should also be provided online (see Task 1.6 for use of online surveys).

*Subtask 1.4 Deliverables:*

- Meeting materials for up to four (4) workshops, as described above. City staff will be responsible for remaining workshops

*Subtask 1.4 Assumptions:*

- City will be responsible for meeting logistics such as booking meeting venues and sending meeting invitations/advertisements; AECOM will support City in developing workshop agendas
- City staff will facilitate workshops
- City has a Facebook account that can be leveraged for livestreaming workshops

**Subtask 1.5 ‘Meeting in a Box’ (NOTE: City staff and partners will take the lead on this task)**

Informal conversations between friends and family where Davis residents share their opinions and thoughts on climate change certainly occur – how can these be captured for use by the CAAP? The City will publicize a “Meeting in a Box”, a series of resources that can structure small informal social gatherings and facilitate collecting feedback. Resources could include informational materials, host/facilitators instructions, and game-style conversation starter cards. These gatherings would empower participants to share their opinion at a place and time that is convenient for them, and around people they are comfortable communicating with.

Hosts could be recruited from residents who are already involved in climate-focused groups such as Cool Davis, attendees at in-person workshops, and members of other community or faith-based organizations. Hosts could invite members of their own organizations and/or family and friends.

*Subtask 1.5 Assumptions*

- The City will be responsible for preparing ‘Meeting in a Box’ materials including host/facilitator guide, conversation starter cards, forms for summarizing/recording input
- The City will be responsible for publicizing the Meeting in a Box using social media channels, mailing lists, etc.

**Subtask 1.6 Online Surveys (NOTE: City staff and partners will take the lead on this task)**

AECOM will develop an initial survey at the beginning of the CAAP process focused on obtaining feedback on potential co-benefits that will be used to assess potential actions. To build broad support for the CAAP, the co-benefits should be reflective of the community’s concerns and priorities. AECOM will develop a second survey later in the process to solicit feedback on the top actions that the City considers the most important for getting community buy-in for successful implementation as well as seek input on the potential carbon offset program. AECOM will review and analyze survey results and present results to the City project team through web-based meetings (one meeting per survey).

*Subtask 1.6 Deliverables:*

- Development and analysis of up to two (2) questionnaires with multiple choice responses
- Two (2) web-based meetings with City project team to review questionnaire results (one per questionnaire)

### *Subtask 1.6 Assumptions*

- AECOM will prepare content for and provide links to the online questionnaires using a tool such as Survey Monkey.
- If the City wishes to use many free text responses in the survey, City staff will assist in coding those responses.
- The City will be responsible for publicizing the surveys using social media channels, mailing lists, etc.

## **TASK 2: GHG REDUCTION TARGETS AND MEASURES**

**Task 2 is fully included in the proposed AECOM base contract SOW.**

### *Subtask 2.1 – Defining Carbon Neutrality and Setting Interim Targets*

AECOM will prepare a memorandum that discusses alternative definitions of community-scale carbon neutrality (bearing in mind State definitions) and provide a recommended approach for the City to utilize. The memorandum will address considerations related to the use of offsets and the ‘net neutral’ definition (this also relates to the GHG offset program task). It will also identify sources of emissions that will likely be technically infeasible to eliminate and the likely need for some level of ‘allowable emissions’ to be reflected in the goal. The memorandum will provide a brief description of other carbon neutrality efforts in communities in North America and Europe. The memo will also provide some commentary and options around appropriate interim targets that will be refined as the strategy development progresses.

#### *Subtask 2.1 Deliverables:*

- Defining Carbon Neutrality memorandum

### *Subtask 2.2 – Assess Implementation Progress of 2010 CAP and Set Inventory Forecasts for 2030 and 2040*

An important early task will be to assess the progress made through actions in the 2010 CAAP, including implementation status and progress metrics. The City will play a major role in this task, providing updates on the actions in the 2010 CAAP and others that have come on-line since 2010 (such as the new reach energy codes). An important input to this task will be the updated Regional GHG Inventory being completed separate to this project. The inventory will provide a top-down view of where reductions have been achieved, and analysis will be needed to align those reductions with actions the City has carried out or that have resulted from others’ actions (e.g., changes in the electricity emissions factor).

Estimating future emissions levels is critical to understanding the extent of local actions needed to achieve the City’s 2040 carbon neutrality target. AECOM will develop emissions forecasts that reflect implementation of applicable federal, State, and local actions that will be implemented with a high-degree of certainty to help understand the scale of additional action that will be required. AECOM is engaged with SACOG in discussions of how to provide local jurisdictions with future-year vehicle miles traveled (VMT) data in different formats that can directly be used for climate action plans. AECOM will facilitate a continuation of this conversation to benefit work with the City on this CAAP. AECOM will review the emissions forecast assumptions from the 2010 CAAP to understand how the City has previously analyzed future emissions. AECOM will identify the previously used growth indicators and confirm with the City that a similar approach to emissions forecasting should be used. In instances where AECOM believes the previous growth indicators could be revised to better reflect the local context, AECOM will



discuss options with the City and determine the final list of indicators to be used in the emissions forecast. Based on the 2012 GHG Inventory, AECOM understands the City has previously included several important local actions within the emissions forecasts; AECOM will work with City's project team to understand the full list of City actions that should be included.

AECOM will develop a data needs list based on the final growth indicators and the federal, State, and local policies to be reflected in the forecasts. AECOM will work with the City to collect necessary information.

*Task 2.2 Deliverables:*

- Summary of emissions growth indicators for review with City staff
- Draft and final list of local, State, and federal actions to include in emissions forecasts
- Data needs list of emissions growth indicators and local/State/federal action assumptions
- Summary table of growth factors

*Task 2.2 Assumptions:*

- City staff will provide technical information on growth assumptions and help update implementation/forecast assumptions for local actions included in forecasts
- City staff will provide city-specific growth factors identified in data needs list

*Subtask 2.3 - Emission Reduction Strategies Development*

AECOM will identify technological and behavioral actions that could be used to achieve the community's long-term climate neutrality goal. These will build on the CAAP actions, achievements, and other actions put in place since, and leverage AECOM's understanding from current local, national, and international experience as well as stakeholder and public input to develop a suite of emission reduction options focused on the largest emissions sectors of building and transportation. They will need to be a mix of education, incentives, programs, and mandates that will need the full participation of the City residents, businesses, partner organizations, and City staff to be successful. AECOM subconsultant Energeia will apply its deep specialist knowledge of technology cost outlooks, customer behavior, and Davis' specific built environment, including its current building and vehicle inventories, etc. to help identify the optimal portfolio of actions to minimize the cost of achieving the targeted objectives. This will include a consideration of how technology costs – particularly solar PV, battery storage, and electrification of water heating, space heating and transportation – will fall over time, and how Davis can best ensure optimal levels of new technology adoption are achieved.

Energeia will provide solutions to overcoming the key barriers to the efficient adoption of rooftop solar PV, electrified transportation, and electrification of water and space heating. For example, a key barrier to the rapid uptake of electric transportation is public charging infrastructure and tariffs, and Energeia will provide specialist information to help Davis remove this barrier at the lowest possible cost.

AECOM will conduct interviews with local and national experts (including from City Commissions and UC Davis, with a focus on researchers AECOM has been interacting with affiliated with the ITS) to collect their opinions about the feasibility of implementing specific strategies in the local and regional context. With input from the City and the Commissions,

AECOM will identify and contact (by phone/web conference) the regional experts. City staff can attend the interviews, if desired. AECOM will provide summary notes of the interview results.

Many CAAP strategies will likely provide additional benefits beyond GHG reduction. For example, the actions such as those that promote local energy supply, sharing and storage could allow for increased energy resilience, limiting operational disruption during a major event and resulting in avoided costs (i.e., benefits) to the City. Other investments, in efficient water use might decrease the City's risk in the case of a drought and reduce reliance on water that is imported. A broad range of other action co-benefits could be considered, such local air quality, preservation of habitat, reduced cost of living, or reduced socio-economic disparities. AECOM will qualitatively evaluate these additional benefits and their distribution (e.g., private property owners, disadvantaged communities) and include or highlight these results in the analysis.

AECOM will select the key co-benefits to be evaluated through community, stakeholder, and City staff input, including through the engagement activities described in Task 1. This evaluation of co-benefit information is important as it can support action prioritization later in the project; benefit allocation also supports an understanding of funding and financing methods for the CAAP actions.

AECOM will use the Climate action for URBan sustainability (CURB) tool to estimate GHG reduction potential from a suite of local strategies. AECOM will collect city-specific context data, with assistance from City staff, and upload the City's most recent GHG inventory and emissions forecast assumptions into the tool to support analysis of potential CAAP actions.

Implementation assumptions will be developed for 2030 and 2040, with input from Energeia-USA leveraging their expertise and understanding of building and vehicle electrification technology. AECOM will estimate how each strategy will be adopted/deployed (e.g., near-zero carbon electricity could be achieved 100% by 2030 depending on the success of Valley Clean Energy program, but electric vehicle adoption rates would be assumed to increase closer to 2040 as the technologies become progressively cheaper). AECOM will also consider here the role that the GHG offset program might play to close the gap on reducing any emissions that could not be removed through other means in order to achieve the desired carbon neutrality goal.

AECOM will facilitate an action prioritization process with City staff and other stakeholders based on a shortlist of the proposed CAAP actions. AECOM will provide training to the City on how to use an action prioritization tool, facilitate discussions with stakeholders to select the co-benefit and feasibility criteria for action evaluation, assist in the action evaluation process, and facilitate a post-analysis discussion to select a prioritized set of actions based on the analysis results. As the project progresses, AECOM will discuss with the City project team the desire to integrate portions of this task into the Task 1 stakeholder engagement activities to incorporate community priorities in action evaluation and increase community buy-in for the final set of prioritized actions.

Fehr & Peers will assist AECOM in this task, providing support for reduction measures related to land use and transportation. Fehr & Peers will review existing transportation demand management (TDM) and GHG reduction strategies outlined in the City's existing Climate Action Plan, as well as additional TDM strategies that would be particularly suited to Davis. As

appropriate, the AECOM team will incorporate recent research for the California Air Resources Board (CARB) associated with Zero-Carbon Buildings: A Feasibility Study, which produced an update to the VMT reduction strategies currently listed in CAPCOA's Quantifying Greenhouse Gas Mitigation Strategies (2010).

*Subtask 2.3 Deliverables:*

- List of potential prioritized emission strategies per sub-sector/activity, summaries, co-benefits and implementation assumptions

*Subtask 2.3 Assumptions:*

- Up to 25 strategies
- 'Maximum implementation' assumptions are to reflect the level of implementation that is technically feasible. For example, near-zero carbon electricity could be implemented 100%, whereas solar water heaters only, at a maximum, reduce 60% to 70% of total water heating energy (either natural gas or electricity) due to technological constraints of solar water heating systems
- The City will assist in identifying its level of authority for action implementation

**TASK 3: CLIMATE CHANGE VULNERABILITY ASSESSMENT AND ADAPTATION STRATEGIES**

*Task 3 is fully included in proposed AECOM base contract SOW.*

This task consists of reviewing and summarizing local climate projections based on existing data, assessing the vulnerability of transportation and community assets, including vulnerable populations, to each climate stressor, developing an initial menu of relevant adaptation strategies, and then working with the City and community to prioritize which strategies should be included in the final CAAP. Each sub-task will address:

- Rising temperatures and extreme heat
- Drought
- Wildfire (including impacts from wildfires outside the City limits)
- Precipitation and severe storms

*Subtask 3.1 Review of Local Climate Projections*

AECOM will develop consistent summaries for each climate hazard, describing current conditions, and projected changes (by mid- and end-of-century). Potential resources to address each climate hazard are summarized below. For all climate hazard categories, additional published research and literature will be incorporated into the summaries as available. Given the coarse spatial resolution of downscaled General Circulation Model (GCM) outputs available through Cal-Adapt compared to Davis' size, it is unlikely there will be substantial variability across the City in projected changes to temperature or precipitation patterns. AECOM recognizes that vulnerability to these stressors may still vary based on urban heat island, topography, and social vulnerability – this will be analyzed in Subtask 3.2.

*Task 3.1 Deliverables:*

- Memorandum summarizing local projections for each climate hazard noted above for two time periods (mid- and end-of-century) and two scenarios (RCP 4.5 and RCP 8.5)

### *Task 3.1 Assumptions:*

- The AECOM team will rely on readily available resources, such as published literature and data and projections available from Cal-Adapt

### *Subtask 3.2 Vulnerability Assessment*

The AECOM team will collect and inventory data on key assets to be included in the vulnerability assessment. Example asset types include:

- Local roads and highways
- Public transit, bike, and pedestrian routes
- Community facilities, such as schools and senior centers
- Critical assets for public health, such as hospitals, clinics, and emergency response services (e.g., police, fire)
- Critical infrastructure, such as pump stations and electrical substations
- Disadvantaged communities and vulnerable populations
- Public health-related vulnerabilities

The City and relevant working group members will be consulted to ensure that all relevant asset types are included. It is anticipated that GIS data on most physical assets will be readily available. AECOM will use a social vulnerability index based on a composite series of characteristics to identify disadvantaged communities. As there are many available social vulnerability indices, each with advantages and disadvantages, such as the CDC's Social Vulnerability Index (federal), CalEPA's CalEnviroScreen (statewide) and SACOG's Environmental Justice Areas (regional), AECOM will prepare a summary of options and the City can choose an index that most closely aligns with CAAP goals and objectives.

Vulnerability of an asset to a given climate hazard is a function of exposure (whether the asset is located in an area that will be impacted), sensitivity (degree to which an asset may be affected if exposed), and adaptive capacity (the ability to adjust to mitigate potential damage). Exposure to flooding will vary across the city – the northwestern portion of the city is currently in the FEMA 100-year flood zone and if the intensity of precipitation events is projected to increase, the extent of the 100-year flood zone will likely expand and the frequency of flooding within the zone will increase. AECOM will identify assets (including vulnerable populations) that are within the 100-year and 500-year flood zones.

While climate change-induced temperature changes will likely not vary across the city, exposure to extreme heat may vary across the city due to the urban heat island effect. AECOM is aware that the SMAQMD-led Urban Heat Island Reduction Plan (originally scheduled to be completed in February 2020) includes the development of a local urban heat island effect dataset. If this data is publicly available and at a higher resolution than what is currently available through CalEPA, AECOM will use this dataset instead.

It is unlikely there will be variability across the city in exposure to drought or wildfires. According to CalFire, none of Davis is currently within a Fire Hazard Zone and Cal-Adapt wildfire projections do not project substantive increases in burned area with the city limits.

Therefore, AECOM anticipates that exposure to negative impacts will be experienced uniformly across Davis due to poor air quality from wildfires outside of the city.

To assess sensitivity of physical assets, AECOM will develop a matrix for each asset type documenting its sensitivity to each climate hazard. Qualitative sensitivity ratings will be developed for each asset type. The sensitivity of human populations varies depending on a series of socioeconomic characteristics, which will be included in the social vulnerability index. While these characteristics will likely already be included in the social vulnerability index used to identify disadvantaged communities, members of each vulnerable population (e.g., the elderly, people with respiratory diseases) will have different sensitivities to each climate hazard. Some vulnerable individuals (for example, seniors with limited mobility), may reside in a census tract or block that does not score highly on an index of social vulnerability. Therefore, AECOM will develop a separate sensitivity matrix for human populations with a qualitative rating and narrative explanation of sensitivity of each type of vulnerable population to each climate hazard.

AECOM will exclude adaptive capacity from the vulnerability assessment and instead consider it during adaptation strategy development (Subtask 3.3). Since adaptability is asset specific, it is difficult to evaluate at a broad scale and often requires asset- or site-specific evaluations.

*Task 3.2 Deliverables:*

- Brief memorandum summarizing advantages and disadvantages of various social vulnerability indices
- Memorandum summarizing the vulnerability of each asset type to each climate hazard

*Task 3.2 Assumptions:*

- The City will provide data on all asset types

**Subtask 3.3 Adaptation Strategy Development**

Using CAAP goals and objectives identified through public engagement as a guide, AECOM will develop an initial list of policy-based, program-based, and project-based adaptation strategies to address the vulnerabilities identified in Subtask 3.2. AECOM will draw on extensive understanding of best practices in adaptation strategies compiled from previous project work, strategies identified through regional efforts including the Yolo Resilience Toolkit and SMAQMD Urban Heat Island Reduction Plan, and additional strategies recommended by stakeholders and community members. Where possible, strategies that also help the City achieve other goals (e.g., within the Downtown Plan, the Urban Forestry Master plan, etc.) will be prioritized.

AECOM anticipates that strategies will be organized into the following categories:

**Governance:** Strategies that address governance-related vulnerabilities of assets (including planning, design regulatory, operations and maintenance, etc.) associated with different types of planning, design and permitting documents. AECOM anticipates that governance strategies will focus on longer-term strategic actions. For example, the ability to have ready to execute procurement contracts so that emergency and clean-up activities can be rapidly deployed in the aftermath of events, or preventative maintenance programs employed in the course of asset management activities, as these have proven to be cost effective and valuable over longer time horizons.

**Informational:** Strategies that provide improved understanding of the vulnerabilities of assets arising from a current lack of information (e.g., feasibility studies, monitoring, data gaps, etc.). AECOM anticipates that informational strategies will focus on a few key actions, such as establishing a program to tag and monitor assets for condition assessments more frequently due to their vulnerability or developing coordination plans with emergency preparedness teams to communicate decisions about closures and detours.

**Structural:** Strategies that address physical vulnerabilities of assets. (e.g., raise, shade, defend), with a subset of engineered /nature-based solutions. While it is anticipated that some governance-based or informational strategies will be widely applicable across the city, structural strategies will tend to be more site-specific. These strategies will be described for the plan, but not designed.

The list of potential strategies will then be evaluated for their effectiveness to reduce potential climate change impacts as well as their implementation feasibility, and then prioritized. AECOM believes that it is most efficient to prioritize strategies from a longer list before fleshing out details of the strategies. Building off experience developing C40’s Climate Action Prioritization Tool, AECOM will develop a menu of potential benefit and feasibility criteria, which will then be tailored based on local context and community/stakeholder input. Potential strategies will be rated against each of the chosen criteria using a qualitative ordinal ranking scale.

Category	Evaluation Criteria
Financial	Capital cost ranges Operational cost ranges
Environmental	GHG reduction Air quality benefits
Social	Public health Recreation Jobs Equity
Governance	City authority and organizational structure Regulatory barriers

**Table 2: Sample Criteria for Evaluation and Prioritizing Adaption Strategies**

Note that since a goal of this CAAP is for mitigation and adaptation approaches to be integrated, AECOM recommends that the evaluation of both action types be conducted simultaneously using the same criteria. In addition, there may strategies that serve both – such as providing amenities and shade at bus shelters will help adapt the bus system to increased temperatures and encourage more residents to take the bus which reduces single occupancy car use. The result of this process will be a prioritized list of strategies with co-benefits and feasibility considerations clearly articulated for inclusion in the CAAP.

*Subtask 3.3 Deliverables:*

- Initial list of adaptation strategies with basic information to inform evaluation
- List of potential evaluation criteria for consideration by City staff/stakeholders

- Memorandum describing the prioritized adaptation strategies for inclusion in the Plan

*Subtask 3.3 Assumptions:*

- City and community will provide feedback on potential adaptation strategies and potential evaluation criteria

*Subtask 3.4 Financing and Funding Options*

The AECOM Team will develop a menu of funding and financing options that could be pursued by the City to support planning and implementation of the prioritized interventions. AECOM will develop a memorandum that describes key considerations for funding and financing identified interventions, including a summary matrix to allow for reference and prioritization by the City of identified investment pathways. This task will leverage AECOM's work on Paying for Climate Adaptation in California: A Primer for Practitioners, which discusses the basics of common funding and financing tools for infrastructure, their application to adaptation infrastructure specifically, and recent developments of newer innovative funding and financing tools.

*Subtask 3.4 Deliverables:*

- Memo describing prioritized funding and financing options

*Subtask 3.4 Assumptions:*

- City staff will provide information on existing and planned funding and financing commitments, especially as they relate to investments in climate action and adaptation, as well as other financial information (e.g., capital improvement plans, department budgets) that could affect financial feasibility and action prioritization considerations

**TASK 4: IMPLEMENTATION AND MONITORING PROCEDURES**

Task 4 is fully included in proposed AECOM base contract SOW.

This task will be carried out as three sequential subtasks: 1) the development of implementation roadmaps for prioritized actions, 2) the selection of monitoring metrics for each prioritized action as well as overall CAAP goals, and 3) development of an easily-updated web dashboard for public tracking of progress.

*Subtask 4.1 Implementation Roadmaps*

AECOM will collaborate with the City to develop a common implementation roadmap template that can be fleshed out for a limited number of the priority actions (immediate term) by City staff. The template will likely include attributes such as time frame, lead implementor/supporting partners, operational considerations, regulatory requirements, high-level cost estimate ranges or available funding sources, and metrics to track progress (see next task).

*Subtask 4.1 Deliverables:*

- Implementation roadmap template for prioritized actions

*Subtask 4.1 Assumptions:*

- AECOM will complete one action implementation roadmap template in collaboration with appropriate City departments
- All remaining implementation roadmap templates will be completed for prioritized actions by City staff

#### Subtask 4.2 Selection of Performance Metrics

After the development of prioritized action implementation roadmaps, AECOM will support the selection of performance metrics for monitoring each of the prioritized actions, as well as metrics that track progress towards overall CAAP goals.

AECOM will make recommendations on performance indicators – both output and outcome based – that the City should consider tracking to understand progress towards GHG reduction and how effective the adaptation portion of the plan is proving to reduce vulnerability. For mitigation, indicators could include increase in miles of improved bicycle infrastructure (output) and increase in bicycle mode share (outcome). For adaptation, indicators could include the number of green infrastructure measures installed (output), and reduction in instances of urban flooding (outcome); or increase in number of cooling centers available (output), and reduction in number of elderly submitted to hospital with heat related illnesses (outcome). This will allow the City to course correct over time as the climate, economy, and demographics of Davis change.

In addition, the metrics will allow the City to track how the action is progressing through implementation (from a checklist of steps based off the implementation roadmaps). The quantitative metrics selected will be feasible for the City to track, measure, or estimate.

##### *Subtask 4.2 Deliverables:*

- Implementation check-list and quantitative metrics for prioritized actions
- Overall performance metrics matched to overall CAAP goals

##### *Subtask 4.2 Assumptions:*

- The City will identify what metrics are currently tracked, and what mechanisms are available for improved data collection.
- A City staff member (i.e. Sustainability Coordinator) who will ultimately assist with measurement and tracking will play an active role in this task.

#### Subtask 4.3 Implementation and Monitoring Dashboard

Following the identification of metrics, AECOM will develop a user-friendly dashboard architecture to track implementation progress for the City. AECOM will make use of available tools and resources to inform the design of the dashboard, including the CURB tool and ClearPath. AECOM will review potential dashboard components with the City project team to finalize the dashboard architecture. Components may include charts or graphs that illustrate trends in action performance indicators over time, such as GHG emission reductions or changes in energy consumption, and a comparison against the Plan's action implementation assumptions.

Once the architecture of the dashboard is finalized, AECOM will work with subcontractor Brand New Box to develop a simple public-facing web-based user interface leveraging the Engage Web Framework that will have a user-friendly content management system to allow City staff to easily update the dashboard with new data over time. The interface will be designed in collaboration with the City, using the City's back-end IT criteria. The Engage Web Framework harnesses the latest web technologies and communicates with the public in an easy, user-friendly manner.

##### *Subtask 4.3 Deliverables:*

- Web-based public-facing dashboard including a back-end content management system for easy updating



*Subtask 4.3 Assumptions:*

- City IT staff will support dashboard roll-out
- Dashboard will be hosted on City servers and maintained by City staff
- Development of the Engage Web Framework will cost no more than \$8,000; this budget assumes a simple website design and anything more complicated will require further discussion and budget

**TASK 5: DRAFT CAAP, PUBLIC REVIEW/COMMENT AND FINAL CAAP**

**NOTE:** This task will be largely performed by city staff, as noted in memorandum above.

*AECOM will provide templates, guidance and other materials, as follows:*

- Develop an annotated outline to review with City staff and agree on what content to include in the plan and how to present it
- Develop an action template with City input to define the information and level of detail to be included for each CAAP action
- Develop graphic layout template for the plan (does not include populating layout with plan content)

*City staff will be responsible for:*

- Provide comment on annotated outline
- Discuss desired content and level of detail for plan actions prior to AECOM development of action templates
- Draft plan content according to the annotated outline, and populate action templates for all actions to be included in the CAAP
- Input plan content into the graphic template developed by AECOM

**Subtask 5.1 Administrative Draft Plan**

Based on deliverables produced in previous tasks, AECOM will provide templates for an Administrative Draft Plan in Word format for City staff and stakeholder review. We will also create a template for recording comments that will be provided to Administrative Draft Plan reviewers to streamline the feedback process. Revisions to the Administrative Draft Plan based on the comments received will form the Public Review Draft Plan.

**Subtask 5.2 Public Review Draft Plan**

The Public Review Draft Plan will be made available to the public along with supporting material that will communicate the content to the public at a high level. Templates for the supporting material will include a graphically-rich PowerPoint presentation covering each component of the plan. AECOM will also discuss with the City options for cost-effective, easy to use platforms to collect public input on the Public Review Draft Plan. For budgeting purposes, AECOM recommends use of the Wix web-based platform for this task, which is free to use with minimal set up to launch. AECOM will provide information for a Wix webpage that provides access to the full Public Review Draft CAAP as a lightly-formatted Word document (i.e., not in the final graphic layout), and includes quick navigation to the plan's goals and actions for structured public commenting (i.e., interactive commenting and replies).

AECOM's graphic team members will also develop a report template with a style and color palette that aligns with other City documents or preferences to be used in development of the Final Plan. AECOM will develop a graphic document template in InDesign and review with the

City project team. AECOM will incorporate one set of comments to develop the final document template.

#### Subtask 5.3 Final Plan

Comments received on the Public Review Draft Plan will be incorporated into the Final Plan. The final document layout will be easily navigable, and will make use of infographics, typography, and photographs for accessibility. The information will be communicated in a manner and level of detail that can be understood by the general public, while still retaining its utility as a planning tool by City staff. Where appropriate, technical details will be included in an appendix.

#### *Deliverables – Templates for:*

- Administrative Draft and Public Review Draft – Word, PDF
- Wix website with Public Review Draft Plan uploaded for comment
- InDesign graphic document template, draft and final
- Final Plan document in InDesign template – InDesign, PDF

#### *Assumptions:*

- City will consolidate and resolve conflicting City comments on one draft of each plan
- City will address public comments, wherever possible, and work with AECOM to address remaining public comments that require additional technical analysis or input
- City staff will take the lead on writing and graphics, with templates as appropriate from AECOM
- Wix public commenting platform will be free to use

The following information is provided for context only. **NOTE: This task is NOT included in current Scope of Work, and will be considered at a later time in the process.**

#### **TASK 6: CEQA ENVIRONMENTAL REVIEW AND UPDATED GHG THRESHOLDS OF SIGNIFICANCE**

The objectives for this task (at a later time will include:

- Provide a robust and defensible Plan and CEQA review
- Eliminate the need for project-by-project analysis and ad-hoc mitigation for projects that are consistent with the Climate Action and Adaptation Plan

The Yolo-Solano Air Quality Management District has not yet established or adopted methodology or thresholds for the assessment of impacts related to GHG emissions and the District is currently recommending GHG analysis consistent with the Sacramento Metropolitan Air Quality Management District adopted thresholds of significance. However, the Sacramento Metropolitan Air Quality Management District is currently considering changes to its recommended thresholds, which may create uncertainty for projects proposed in Davis. AECOM understands that, following a Resolution adopted by the City Council in March of 2019, Davis has been assessing the GHG impacts of redevelopment projects

against a goal of net carbon neutrality by 2040, using mitigation measures with performance standards that would result in net neutrality by 2040.

Rather than a project-by-project analysis and mitigation strategy, a citywide approach would allow the City to develop reduction strategies that are more efficient from a cost-per-ton perspective, that optimize co-benefits (related to air quality, VMT reduction, household transportation costs, etc.), and that promote the City's related objectives for transportation, land use, economic development, environmental sustainability, and other topics (Performance Objective #2.1 and 2.2, Policies TRANS 1.5, 1.7, 3.3, and 4.5, Policies ENERGY 1.3 and 1.5, etc.). Many AECOM clients are seeking a very reader- friendly and concise climate action plan, and the CEQA document and its appendix are often used to document some of the more technical information that helps to justify the selection of reduction strategies, reduction target/s, and other more detailed elements. AECOM welcomes an open discussion with the City prior to contracting regarding the division of labor between the Climate Action and Adaptation Plan and the accompanying CEQA document in presenting technical details.

Subtask 6.1. Review Existing Plans and CEQA Documents, and Confirm CEQA Approach **NOT INCLUDED IN CONTRACT AT THIS TIME**

As an initial task, AECOM will review existing relevant plans, CEQA documents, and documents that describe City standards that would reduce impacts and standard mitigation measures (and environmental conditions of approval).

AECOM believes that the CEQA document for the Climate Action and Adaptation Plan should be prepared as efficiently as possible, in order to maximize resources available for other components of the scope of services. AECOM has prepared all manner of CEQA documents for climate action plans, including stand-alone Environmental Impact Reports (EIRs), General Plan EIR addenda, General Plan Supplemental EIRs, and initial studies supporting mitigated negative declarations. After we review existing documents (the draft EIR for the Core Area Plan and General Plan amendments, recent Initial Studies and EIRs, etc.), AECOM will be able to discuss options with the City regarding the CEQA approach for the Climate Action and Adaptation Plan.

The AECOM CEQA task leader will review and provide input on the reduction target/s (prepared as a part of Task 2) and then meet with the City to review options for CEQA coverage. AECOM anticipates a discussion related to efficiency and cost effectiveness, how the CEQA document will be used on an ongoing basis, user friendliness, and the capacity for streamlining future development that is consistent with the Climate Action and Adaptation Plan.

Many AECOM clients, through the climate action plan and accompanying CEQA review, are seeking to substantiate the reduction strategies and demonstrate that the reduction target/s would support the State GHG legislative mandates in order to streamline future review of projects pursuant to CEQA Guidelines Section

15183.5. However, other clients have a robust General Plan EIR and instead streamline environmental review pursuant to the relatively more flexible tools provided under CEQA Guidelines Section 15183. Based on the City's RFP (from page 5, "eliminating the need for project-by-project analysis..."), AECOM assumes that the Climate Action and Adaptation Plan will be used to streamline future development, and that the CEQA document will provide substantial evidence that the reduction target would avoid a cumulatively considerable contribution to the significant cumulative impact of climate change.

AECOM will offer the City its expertise on this topic, describe pros and cons of different options in a brief memo, review this memo in a teleconference, and structure the CEQA review based on the City's direction during this teleconference.

*Subtask 6.1 Deliverables:* **NOT INCLUDED IN CONTRACT AT THIS TIME**

- One brief memo outlining options and pros and cons (electronic)
- One in-person meeting involving the AECOM PM and AECOM CEQA Task Leader

Subtask 6.2. Prepare CEQA Documents **NOT INCLUDED IN CONTRACT AT THIS TIME**

AECOM will collaborate with City staff during project initiation to identify the appropriate approach for CEQA review and reporting, including the type of document (Initial Study/MND, General Plan Supplemental EIR, Core Area Plan and General Plan Amendments EIR Addendum, etc.). For the purpose of this Proposal, AECOM assumes the document would be an environmental Initial Study supporting a Mitigated Negative Declaration (IS/MND). However, as lead agency, the City has multiple options that can provide defensible analysis and reporting. AECOM will confirm the actual document type as a part of Subtask 6.1 and make any relevant changes to the scope of services and cost estimate.

AECOM will prepare 1 administrative draft (electronic only), 1 public review draft, and 1 final Initial Study (IS) in support of a Mitigated Negative Declaration (MND) to address adverse physical environmental impacts of implementing the Climate Action and Adaptation Plan.

AECOM will incorporate relevant City General Plan mitigating policies, standard mitigation measures, and environmental conditions of approval, if necessary, to address adverse effects associated with implementing the Climate Action and Adaptation Plan. The City's conditions of approval for recent development projects will be a very good source of mitigation measures that could apply to physical actions included within the Climate Action and Adaptation Plan. Based on initial review, AECOM assumes it will not be necessary to develop new mitigation measures as a part of this CEQA process.

Importantly, AECOM will also describe why the selected reduction target or targets would avoid cumulatively considerable contributions to the significant

impact of global climate change (pursuant to CEQA Guidelines Section 15183.5[b][1][B]). Also importantly, AECOM will summarize evidence from the Climate Action and Adaptation Plan describing how each reduction strategy will work to actually reduce emissions, and how the monitoring and implementation guidance ensures the City will hit its targets, with adjustments to the Climate Action and Adaptation Plan over time, if necessary (consistent with CEQA Guidelines Section 15183.5[b][1][C-E]). The local GHG mitigation fund (called “Local GHG Offset Program” in the City’s RFP) will be discussed at a general level, but since AECOM understands there will be few details on the implementation of this program, AECOM assumes this CEQA document will not include this as a focus.

AECOM will revise the administrative draft IS/MND, based on one set of consolidated City staff comments, to create a public review draft IS/MND. AECOM’s CEQA task leader will attend 1 in-person meeting with City staff to discuss comments on the administrative draft IS/MND. AECOM will hand deliver a Notice of Completion (NOC) with 15 copies of the draft IS/MND to the State Clearinghouse to begin a 30-day public review period. AECOM will collaborate with the City to identify other agencies that would not receive the public review draft IS/MND through the Clearinghouse.

AECOM will make minor revisions, if necessary, to the draft IS/ MND to create the final version (electronic only). AECOM assumes no response to comments is necessary. AECOM will prepare one Notice of Intent to Adopt a Negative Declaration or Mitigated Negative Declaration (CEQA Guidelines Section 15072), which assumes the City will circulate to the public, responsible agencies, trustee agencies, and the County Clerk prior to adoption. AECOM will prepare a Notice of Determination (NOD) and hand deliver to the State Clearinghouse and assume the City will deliver to the County Clerk’s office with the appropriate filing fee.

AECOM will prepare 1 draft and 1 revised Mitigation Monitoring and Reporting Program (MMRP) (electronic only) that provides guidance on implementing mitigation measures in the IS/MND.

AECOM will assist the City with AB 52 notification, if so directed, and assume no need for consultation based on the nature of the project. If consultation is requested, AECOM can amend the scope of services to assist the City. Given the nature of climate action plans and the context for this Plan, this scope assumes that only cursory analysis will be necessary for the IS/MND to support findings on agricultural and forestry resources, biological resources, geology or soils, mineral resources, land use planning, population and housing, and wildfire. No visual simulations are proposed. AECOM assumes no modeling of criteria air pollutant or toxic air contaminants. AECOM assumes no field work (bio, cultural, hydrological, etc.) is necessary. No water supply assessment is included and no transportation modeling, other than that conducted to support the Plan itself is included. Since it is not necessary, the CEQA documents will not focus on an

analysis of the effects of climate change on the City, but rather on the adverse physical effects of implementing the Climate Action and Adaptation Plan. AECOM assumes the City can use brief findings to support the Resolution adopting the IS/MND and approving the MMRP that are used for other City CEQA documents.

*Subtask 6.2 Deliverables: NOT INCLUDED IN CONTRACT AT THIS TIME*

- 1 administrative draft IS/MND (electronic only)
- 1 in-person meeting involving the AECOM CEQA Task leader to review comments on the administrative draft IS/MND
- 1 public review draft IS/MND (1 electronic and 15 hard copies hand-delivered to the State Clearinghouse)
- 1 final IS/MND (electronic only)
- 1 Notice of Intent to Adopt a Negative Declaration or Mitigated Negative Declaration (electronic only)
- 1 Notice of Determination (electronic + 1 hard copy)
- AECOM will prepare 1 draft and 1 revised Mitigation Monitoring and Reporting Program (MMRP) (electronic only)

The following task will be proposed as an additive alternate item in the contract between AECOM and City of Davis. See discussion of this item on page 11 of this Staff Report, above.

*Subtask 6.3. GHG Thresholds of Significance NOT INCLUDED IN THE BASE CONTRACT AT THIS TIME, but will be included as an additive alternate (\$27,860)*

AECOM will collaborate with the City on updated GHG significance thresholds that incorporate the State's longer-term (post-2020) reduction goals, such as those embodied in SB 32 for 2040 and Executive Order S-3-05 for 2050. As requested by the City, AECOM anticipates developing thresholds that can be applied to public infrastructure projects, as well as both residential and non-residential projects. In addition, consistent with the California Supreme Court's decision in *Center for Biological Diversity v. California Department of Fish and Wildlife*, commonly known as the "Newhall decision," AECOM should work with the City to explain how the thresholds are appropriate for the location, mix of emissions sectors, and for new versus existing development.

AECOM assumes development of a mass emissions-based approach for infrastructure projects and efficiency-based thresholds for private development projects, and that compliance with the Climate Action and Adaptation Plan would be another option for demonstrating significance. AECOM assumes, based on recent City CEQA documents, that the City may wish to consider a threshold approach that removes consideration of passenger vehicle mobile source GHG emissions, consistent with Public Resources Code Section 21159.28(a).

As State legislation provides the accepted framework for GHG emissions impacts under CEQA, AECOM assumes the significance thresholds will be developed based on State-level guidance and inventories. As a part of this task, AECOM will continue to monitor Sacramento Metropolitan Air Quality Management District activities related to GHG emissions thresholds.

This Air District has prepared draft recommendations for threshold concepts and has been seeking input, although the recommendations be different from what is recommended for Davis, based on the City’s objectives for this project (for example, from page 5 of the RFP: “...address realistic fiscal and resource limitations” and “creative and innovative solutions that improve community quality of life economic opportunity...”).

AECOM will also draft a brief set of guidance based on material provided by the Yolo-Solano, Sacramento, and Placer County air districts for producing GHG emissions estimates, with the flexibility required to accommodate ongoing updates to emissions models and other appropriate changes.

AECOM will prepare one administrative draft memo outlining options for significance thresholds, one revised draft memo that provides minor revisions based on the selected options, and one final draft memo. AECOM will meet with the City in-person to discuss comments on the administrative draft memo. The final selected significance thresholds will be considered as a part of CEQA review, which will provide evidence that the thresholds, if achieved at the project level, will avoid a cumulatively considerable contribution to the significant cumulative impact of climate change.

**Subtask 6.3 Deliverables: NOT INCLUDED IN BASE CONTRACT AT THIS TIME, BUT WILL BE INCLUDED AS AN ADDITIVE ALTERNATE**

- 1 administrative draft significance thresholds option memo (electronic only)
- 1 in-person meeting involving the AECOM CEQA Task leader to review comments on the administrative draft significance thresholds option memo
- 1 revised draft significance thresholds memo (electronic only)
- 1 final draft significance thresholds memo (electronic only)

**TASK 7: LOCAL GHG OFFSET PROGRAM (NOTE: Task 7.1 is included in base contract at this time, along with a brief analysis of funding and financing options for implementation of CAAP actions. Other previously proposed Task 7 components are not included.)**

GHG offsets have widely been used to bridge the gap between low- and high-cost GHG emissions reduction actions in support of GHG reduction targets. In the United States the voluntary market has been the dominant source of GHG offsets, with states such as California using offsets as a compliance alleviation mechanism within its Cap-and-Trade Program. Due to financial promises of offsets, other states and local agencies have pursued opportunities to develop offset programs to support local needs.

While offsets can provide opportunities for financially attractive GHG reduction actions, the criteria required to take advantage of offset programs is often difficult for smaller entities such as individual cities. Depending on the individual interests of smaller entities these criteria could be overcome through partnering with other entities to achieve desired outcomes and/or establishing alternative funding and finance mechanisms using similar principles as offset programs. Examples of alternative programs include things such as the San Francisco Carbon Fund, Monterey Bay Carbon Fund, Watsonville’s Carbon Fund Ordinance, and UC Santa Cruz Carbon Fund.

### Subtask 7.1 Offset Programs Comparison

To support the City in its pursuit of a GHG Offset program, AECOM will host an initial meeting with the City to provide an overview of offsets including basic details of existing programs as well as to define the goals and needs the City has for such a program. Following this initial meeting, AECOM will prepare an offset programs comparison memo detailing the existing programs that would most closely support the goals and needs of the City. The offset programs comparison memo will include any known lessons learned from these programs as well as initial frameworks or options toward establishing a program for the City. AECOM will additionally do a very light-touch analysis of funding and financing sources for a sub-set of actions, the Financing and Funding Options.

#### *Subtask 7.1 Deliverables:*

- One in-person meeting involving the AECOM PM and AECOM Local Offset Program Task Leader
- One memo detailing existing offset programs and initial options for Davis offset program
- Analysis of funding and financing options to assist City staff in preparing this information to implement CAAP actions.

#### ATTACHMENTS:

1. Proposed Resolution



**ATTACHMENT 1**

**RESOLUTION NO. 20- ----, SERIES 2020**

**RESOLUTION AUTHORIZING THE CITY MANAGER TO (1) EXECUTE A CONSULTANT CONTRACT WITH AECOM FOR THE 2020 CAAP UPDATE, (2) ADJUST SCOPE OF WORK AS NECESSARY AND (3) EXECUTE THE ASSOCIATED BUDGET AJUSTMENT TO IMPLEMENT THE CAAP CONTRACT**

WHEREAS, the City Council has accelerated the existing 2050 Davis carbon neutrality goal to a 2040 target; and

WHEREAS, the City of Davis and City Council are resolved to accelerate a robust update to the Davis Climate Action and Adaptation Plan (CAAP), including integration with an updated Davis General Plan, based on the adopted March 2019 Resolution of the Council Declaring a Climate Emergency and Proposing Mobilization Efforts to Restore a Safe Climate; and

WHEREAS, on September 10, 2018, the State of California's Governor Brown issued an executive order establishing a 2045 statewide target to achieve carbon neutrality, and on the same day, Senate Bill 100 was passed, which sets a 100% clean electricity goal for the state by 2045; and

WHEREAS, in 2018, the 4th Annual National Climate Assessment and California's 4th Climate Change Assessment warned that extreme weather and climate-related events in the United States are worsening, predicting increased drought cycles and heat waves in the western U.S. with a resulting three-fold increase in intensity and magnitude of wildfires, declined water supply and snow pack, increased flooding, impacted agriculture, as well as substantial damages to the U.S. economy and human health, unless GHG emissions are curbed; and

WHEREAS, the City of Davis has demonstrated leadership in climate change advocacy, including a July 11, 2017 Resolution Reaffirming its Commitment to Taking Action to Reduce Climate Pollution Consistent with the Davis Climate Action and Adaptation Plan (CAAP) and in Alignment with the Paris Climate Agreement; an April 18, 2006 Resolution Endorsing the US Mayor's Climate Protection Agreement; and a September 29, 1999 Resolution to Participate in the Cities for Climate Protection Campaign; and

WHEREAS, the current CAAP was completed in 2010, with the goal of being a net carbon neutral community by 2050, substantively ahead of state and federal targets at the time, and with actions identified to reduce GHG emissions, create green jobs, and prepare for the impacts of climate change on public health, infrastructure, the economy, ecosystems, and public spaces in our community; however requires updating to meet state and local executive orders and legislation; and

WHEREAS, the City of Davis has already taken a number of important actions to reduce GHG emissions and enhance quality of life in our community, including long-term commitments to alternative transportation options; advanced energy efficiency building standards; sustainable land use planning; 'green' management of public facilities, parks and open spaces; partnerships

with Cool Davis and other community-based organizations for outreach and engagement; proactive collaboration with regional partners for groundwater, surface water and other resources; and establishing Valley Clean Energy (VCE), a regional community choice energy provider offering cost competitive, local renewable choices for electricity provision; and

WHEREAS, City of Davis is part of a regional effort to complete a 2020 GHG Inventory, managed by the County of Yolo on behalf of Cities of Davis, Winters and Woodland, with a 2016 baseline, completed in May 2020; and

WHEREAS, over the last six months, City staff have completed a Request for Proposals process, interviews and analysis to select a CAAP Update consultant with a base contract budget not to exceed \$250,000, and are recommending AECOM, a Sacramento based firm, with subconsultants Fehr & Peers and Energeia-USA, with an approved Scope of Work for the 2020 Update to the City of Davis 2010 Climate Action and Adaptation Plan. Subsequent scope of work will include preparation of related environmental review in conformance with the California Environmental Quality Act (CEQA), and recommendations for the possible implementation of a Local Greenhouse Gas (GHG) Offset Program to establish a carbon mitigation fund;

NOW THEREFORE BE IT RESOLVED that the City Council authorizes the City Manager to:

1. Execute a base consultant contract with AECOM for the 2020 Climate Action and Adaptation Plan (CAAP) Update in the amount of \$245,551, while allowing the City Manager to authorize additional additive alternative tasks deemed necessary to complete the CAAP provided that the total contract does not exceed the total authorized budgeted amount of \$428,804.
2. Make minor adjustments to the 2020 CAAP Scope of Work as necessary to address community engagement in light of social distancing requirements or other issues as the pandemic situation evolves, to incorporate additive alternate items, and/or to provide details on other SOW elements.

PASSED AND ADOPTED by the City Council of the City of Davis on this 30<sup>th</sup> day of June, 2020 by the following vote:

AYES:

NOES:

ABSENT:

Brett Lee  
Mayor

ATTEST:  
Zoe S. Mirabile, CMC  
City Clerk