



City of San Leandro

Meeting Date: May 6, 2019

Staff Report

File Number: 19-154

Agenda Section: CONSENT CALENDAR

Agenda Number: 8.H.

TO: City Council

FROM: Jeff Kay
City Manager

BY: Debbie Pollart
Public Works Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: Staff Report for a City of San Leandro City Council Resolution to Adopt 2030 and 2050 Carbon Emissions Targets and a City Council Resolution to Approve Amendment No. 6 to the Contractual Services Agreement with PlaceWorks for an Additional \$68,151 for a Total Not to Exceed Amount of \$815,119 and to Approve an Appropriation of \$58,151 from the General Fund Unrestricted Fund Balance

SUMMARY AND RECOMMENDATIONS

Staff recommends that the City Council approve Amendment No.6 to the Consulting Services Agreement (CSA) with PlaceWorks for preparation of the General Plan 2035 for an additional \$68,151, for a total not to exceed amount of \$815,119, and approve an appropriation of \$58,151 from the General Fund. This amendment builds upon approved Work Task 5.3 from that CSA to conduct a Qualified Greenhouse Gas (GHG) Emissions Reductions Strategy, also known as a Climate Action Plan (CAP). The amended CSA will include in the scope of work: prepare a full updated CAP; create the City's first integrated Adaptation Plan; and conduct associated California Environmental Quality Act (CEQA) analysis through an amendment to the General Plan EIR.

Staff also recommends that the City Council direct staff to set GHG emissions reductions goals for the Climate Action Plan Update to comply with the State of California's targets under Senate Bill (SB) 32, set for GHG emissions reductions of 40 percent below baseline levels by 2030 and 80 percent below baseline by 2050.

BACKGROUND

Analysis

Consulting Services Agreement

The existing scope of work for the General Plan 2035 contract with DCE | Planning Center (now known as PlaceWorks) includes updating the City of San Leandro's 2009 Climate Action Plan for the target year of 2020. The work was not started during adoption of General Plan 2035 due to a priorities shift to complete a Zoning Code Update concurrent with the General Plan 2035 adoption in 2016.

In the interim, the State of California released its 2017 Scoping Plan that outlines new GHG reduction goals for 2030 and 2050. Because the horizon year of 2020 is imminent, the City's CAP must be updated to address the 2030 and 2050 GHG reduction targets to qualify for California Environmental Quality Act (CEQA) streamlining under Section 15183.5 of the CEQA guidelines.

The proposed CAP Update will include the following key components for a CAP Update, also referenced in the original scope of work as a "qualified GHG emissions reductions strategy":

- A. Quantify GHG emissions with baseline and future forecast inventories;
- B. Establish the level whereby activities covered by the plan would not exceed targets of 40% for 2030 and 80% for 2050, consistent with State targets and the General Plan and measured based on substantial evidence;
- C. Identify and analyze GHG emissions resulting from specific actions anticipated within San Leandro;
- D. Specify measures, including performance standards, that would achieve the specified GHG emissions reductions targets;
- E. Establish a mechanism to monitor the CAP's progress towards reaching the adopted targets; and
- F. Adopt the CAP in a public process including environmental review under CEQA guidelines.

Staff also recommends that the amended CAP update contract include an additional task to prepare a Climate Adaptation Strategy. As evidenced by recent extreme weather and climate-induced conditions, the region is already experiencing impacts related to climate change that require the City to focus on resilience and adaptation. Further, SB 379 requires that local agencies review and update General Plan Safety Elements to address climate adaptation and resiliency strategies or create a stand-alone Climate Adaptation Plan. As the General Plan was recently updated prior to the passage of SB 379, the creation of a stand-alone Climate Adaptation Plan will satisfy this State mandate.

Staff recommends the City pursue a Climate Action Plan Update and Adaptation Plan for the following reasons:

- 1) San Leandro's current Climate Action Plan (2009 CAP) was an "early adopter" by focusing on Energy Efficiency rather than including the necessary, deeper policy framework of Zero Carbon Buildings (electrification) and Renewable Energy that will need to be included to reach GHG reductions as outlined in the State of California 2017 Climate Change Scoping Plan (2017 Guidance);
- 2) The 2009 CAP "sunset" with the policy of GHG emissions reduction of 25% by 2020. SB32 mandates that the goal be increased to 40% reduction by 2030. Additionally, since the City's General Plan horizon year is 2035, the City's CAP must also take into consideration the further SB32-mandated goal (80% reduction by 2050);
- 3) The 2009 CAP does not contain a rigorous analysis of the proposed carbon reduction measures nor is it "qualified" under the California Environmental Quality Act (CEQA) to allow future development streamlining under section 15183.5 of the CEQA guidelines. The proposal includes an addendum (environmental review) to the General Plan EIR, which will enable the use of the updated CAP and Addendum for tiering and streamlining of GHG emissions analyses for project-specific environmental reviews;
- 4) An updated CAP will help the City outline and evaluate important aspects of local actions in order to make the most impact, such as "reach" (mandatory green/net zero) building codes; transit-oriented development; and investments and incentives to the private sector to build Zero Net Carbon and go all-electric in their transportation choices (EV passenger vehicles, higher transit use, etc.). A more robust Climate Action Plan that would support San Leandro moving ahead on these actions would be the most efficient way to avoid further climate risks and help minimize future climate impacts on community assets and critical facilities; and,
- 5) Combining 'Adaptation' planning, which focuses on the long-term effects of climate change, with 'Climate Action' planning, which lays out immediate mitigation measures to be taken to reduce greenhouse gas emissions is now considered a best practice among local jurisdictions in California. Integration of an Adaptation Plan into the Climate Action Plan will help the City bridge the future impacts of climate change into the everyday operations and medium- to long-term capital planning efforts.

Finally, PlaceWorks is well situated to carry out this additional task. The firm was recently selected by the State's Office of Emergency Services (Cal OES) to update the Adaptation Planning Guide, which provides the State guidance for local adaptation planning.

Greenhouse Gas Emissions Targets

Setting the 2030 and 2050 targets to 40% and 80% reductions, respectively, to conform to the State's reduction goals, which are science-based and vetted for cost-effectiveness and feasibility, will ensure that the City's climate goals are both coordinated with other jurisdictions in

the region and comply with State mandates. Approximately half of Alameda County jurisdictions have or are planning to set their GHG reductions targets to the State mandate while some larger cities (Oakland, Livermore, Hayward) have set targets above the State mandates after lengthy and vigorous public processes. Staff believes that applying the State targets complies with General Plan 2035, and that to align with jurisdictions throughout the State will provide a consistent framework for future developers, residents and policy makers.

Previous Actions

- In 2007, the City Council adopted Resolution No. 2007-009 to establish a GHG emissions goal to reduce Citywide emissions 25% below 2005 levels by 2020.
- In 2009, the City Council adopted Resolution No. 2009-169 approving the existing Climate Action Plan, focused on the guiding principal of 'Reduce, then Produce', i.e. with a concentration on energy efficiency.

Consulting Services Agreement

- Resolution No. 2014-022 - Consulting Services Agreement approved by Council for a total not to exceed amount of \$690,668;
- Resolution No. 2015-086 - Amendment No. 1 approved by Council to increase the total sum of compensation by \$20,000 to add an Economic Development Element to the General Plan;
- Amendment No. 2 - Increased the total sum of compensation by \$9,500 to add a new scope of work related to Zoning Code and Map changes, and extended the contract time period to June 30, 2017;
- Amendment No. 3 - Increased the total sum of compensation by \$26,800 for additional work on the Environmental Impact Report for the General Plan Update and related Zoning Code Amendments;
- Amendment No. 4 - Extended the contract to June 30, 2018; and
- Amendment No. 5 - Extended the contract time period to June 30, 2019.

Applicable General Plan Policies

Almost every element of the General Plan includes implementation programs related to the City's Climate Action Plan. These same programs also support statewide greenhouse gas emission reduction targets for 2020, 2030, and 2050. Some of the climate-related actions are taken directly from the Climate Action Plan, while others are more broadly related to land use and transportation strategies which reduce dependence on gasoline-powered vehicles, or to air quality and energy conservation measures. (Implementation Chapter, page 11-17)

Additionally, the following specific General Plan Goals and Policies support an update to the Climate Action Plan and creation of an Adaptation Plan. Action OSC-8.1A Climate Action Plan Implementation specifically includes the direction to "periodically update these (CAP) measures to reflect new Code requirements, emerging technology, completed actions, and new opportunities." Further, Policy EH-6.11 Climate Change calls for the City to prepare for

“weather-related impacts of climate change” and to design for resilience, which are the main objectives of an Adaptation Plan.

- **GOAL OSC-8** Promote the efficient use of energy and the increased use of renewable energy by San Leandro residents and businesses.
- **Policy OSC-8.1 Conservation and Energy Efficiency.** Strongly advocate for increased energy conservation by San Leandro residents and businesses, and ensure that the City itself is a conservation role model.
- **Action OSC-8.1.A Climate Action Plan Implementation** Implement the energy efficiency measures outlined in the San Leandro Climate Action Plan, and periodically update these measures to reflect new Code requirements, emerging technology, completed actions, and new opportunities. Among the measures identified are locally adopted energy efficiency standards, a third party or municipal financing program for energy efficiency, a revolving loan for energy efficiency improvements, and various education and outreach strategies.
- **Policy OSC-8.2 Planning and Building Practices:** Encourage construction, landscaping, and site planning practices that minimize heating and cooling costs and ensure that energy is efficiently used. Local building codes and other City regulations and procedures should meet or exceed state and federal standards for energy conservation and efficiency and support the City’s greenhouse gas reduction goals.
- **Policy EH-6.11 Climate Change:** Prepare for the weather-related impacts of climate change, such as more frequent extreme weather events, temperature extremes, and prolonged drought. Street rights-of-way, parks, and other public spaces, including such features as street trees and landscaping, should be designed to be more resilient to such events.
- **Policy T-5.8 Electric and Low Emission Vehicles** Plan for a substantial increase in the number of electric vehicles and other low-emission or zero-emission vehicles on city streets. This should include the development of electric vehicle charging stations at the BART stations, in large parking structures and parking lots, at City facilities
- **Policy OSC-7.4 Development Standards** Maintain local planning and building standards that require the efficient use of water through such measures as low-flow plumbing fixtures and water-saving appliances. Require water conservation measures as a condition of approval for major developments.

Fiscal Impacts and Budget Authority

The current Agreement is for \$746,968. Amendment No. 6 to the Consulting Services Agreement will cost an additional \$68,151, which requires increasing the FY18-19 Budget by \$58,151 and will be funded by the General Fund. Ten thousand dollars (\$10,000) will be transferred from existing appropriation in Account 687-18-005-5240 to Account 687-18-005-5120. The new Agreement amount will be for a total amount not to exceed \$815,119. Therefore, staff recommends City Council approve an appropriation of \$58,151 from the General Fund Unrestricted fund balance to the 010-41-001-5120 operating account.

ATTACHMENT(S)

Attachment(s) to Related Legislative File

Amendment No. 6 to Consulting Services Agreement Between the City of San Leandro and the Planning Center | DC&E (Now Known as PlaceWorks)

PREPARED BY: Sally Barros, Sustainability Manager, Public Works Department



City of San Leandro

Meeting Date: May 6, 2019

Resolution - Council

File Number: 19-155

Agenda Section: CONSENT CALENDAR

Agenda Number:

TO: City Council

FROM: Jeff Kay
City Manager

BY: Debbie Pollart
Public Works Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: RESOLUTION of the City of San Leandro City Council to Adopt Greenhouse the Gas Emissions Reductions Goals to Reduce San Leandro Emissions to 40% below 2005 Levels by the Year 2030 and to 80% Below 2005 Levels by the Year 2050

WHEREAS, the State of California enacted Senate Bill 32 in 2016, which requires California to reduce statewide greenhouse gas (GHG) emissions by 40% below 1990 levels by 2030, thereby extending the emissions reduction targets originally set forth in Assembly Bill (AB) 32, the California Global Warming Solutions Act of 2006. AB 32 required California to reduce statewide GHG emissions to 1990 levels by 2020 and directs the California Air Resources Board (CARB) to develop and implement regulations that reduce statewide GHG emissions, institute a schedule to meet an emissions cap, and develop enforcement tools to ensure that the State achieves the required GHG emissions reductions; and

WHEREAS, in December 2008 the California ARB approved the *Climate Change Scoping Plan* which contains the primary strategies California will implement to achieve the GHG reductions required in AB 32 and SB 32, and which encourages local governments to adopt a reduction goal for municipal operations emissions and establish similar goals for community emissions that parallel the State commitment to reduce GHGs; and

WHEREAS, Executive Order S-3-05 proclaims that California is vulnerable to the effects of climate change, including reduced snowpack in the Sierra Nevada, exacerbation of California's existing air quality problems, and sea level rise; and establishes targets for reducing GHG emissions to 2000 levels by 2010, to 1990 levels by 2020, and to 80% below 1990 levels by 2050; and

WHEREAS, Executive Order B-30-15 builds upon Executive Order S-3-05 by establishing an intermediate emissions reduction target of 40 percent below 1990 levels by 2030; and

WHEREAS, in 2007, the City of San Leandro, along with 10 other local governments in Alameda County, committed to becoming a member of ICLEI - Local Governments for Sustainability and to participating in the Alameda County Climate Protection Project that was launched by ICLEI in partnership with StopWaste.Org and the Alameda County Conference of Mayors. This action embarked the City on an ongoing, coordinated effort to reduce the emissions that cause global warming, improve air quality, reduce waste, cut energy use and save money; and

WHEREAS, the City Council of the City of San Leandro adopted a Climate Action Plan in December 2009, setting a GHG emissions reduction target of 25% below 2005 levels by the year 2020 in accordance with AB32. The following action now seeks to set further GHG emissions reduction targets in accordance with SB 32; and

WHEREAS, in 2017, the City of San Leandro joined the Global Covenant of Mayors, a global coalition of mayors and city officials with a mission to reduce local greenhouse gas emissions that involves a written commitment from the mayor or other city official to commit to reduction in annual greenhouse gas emissions inventories, a greenhouse gas reduction target, and an updated Climate Action Plan that addresses how the city will meet its greenhouse reduction targets and sets a framework for Climate Adaptation; and

WHEREAS, to be consistent with the majority of Bay Area cities and with the State goals outlined above, staff recommends that the City Council of the City of San Leandro direct staff to prepare a Climate Action Plan update with the goal of reducing GHG emissions to 40% below 2005 levels by the year 2030 and to 80% below 2005 levels by the year 2050; and

WHEREAS, the City Council is familiar with the contents thereof; and

WHEREAS, the City Manager recommends approval of said targets.

NOW, THEREFORE, the City Council of the City of San Leandro does **RESOLVE** as follows:

That said targets are hereby approved and execution of all intents, documents, and purposes by the City Manager to enact this resolution are hereby authorized.



City of San Leandro

Meeting Date: May 6, 2019

Resolution - Council

File Number: 19-156

Agenda Section: CONSENT CALENDAR

Agenda Number:

TO: City Council

FROM: Jeff Kay
City Manager

BY: Debbie Pollart
Public Works Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: RESOLUTION of the City of San Leandro City Council to Approve Amendment No. 6 to the Contractual Services Agreement with PlaceWorks for an Additional \$68,151 for a Total Not to Exceed Amount of \$815,119 and an Appropriation of \$58,151 from the General Fund Unrestricted Fund Balance

WHEREAS, in 2014, the City Council approved a contract between the City of San Leandro and PlaceWorks to prepare General Plan 2035, which included a task to create a Qualified Greenhouse Gas Reductions Plan for 2020, based upon the adopted 2009 Climate Action Plan; and

WHEREAS, in 2016 the City of San Leandro created a Sustainability Office which after analyzing state requirements recommends that the above task be amended to update the 2009 Climate Action Plan to include targets for 2030 and 2050 as well as the addition of an Adaptation Plan; and

WHEREAS, an updated and amended agreement between the City of San Leandro and Placeworks for Task 5.3 to create a Qualified Greenhouse Gas Emissions Reductions Target and Adaptation Plan, per the revised Scope of Work and Cost Proposal for Task 5.3 (attached as Exhibit 1) was presented to this City Council; and

WHEREAS, the City Council is familiar with the contents thereof; and

WHEREAS, the City Manager recommends approval of said agreement.

NOW, THEREFORE, the City Council of the City of San Leandro does **RESOLVE** as follows:

- Approve Amendment No. 6 to increase the total contract amount by \$68,151 to the Contractual Services Agreement with PlaceWorks for a total not to exceed amount of \$815,119; and
- Approve an appropriation of \$58,151 from the General Fund Unrestricted fund balance to 010-41-001-5120 for the purpose of conducting a Qualified Greenhouse Gas (GHG) Emissions Reduction Strategy; and
- Approve a transfer of \$10,000 in existing appropriation in Account 687-18-005-5240 to Account 687-18-005-5120; and
- Extend the term of said agreement from June 30, 2019 to June 30, 2021 for the purpose of completing the revised Scope of Work.

And be it **FURTHER RESOLVED** that said amendment to the agreement, substantially in the form presented, is hereby approved and execution by the City Manager is hereby authorized.

**AMENDMENT NO. 6 TO CONSULTING SERVICES AGREEMENT BETWEEN
THE CITY OF SAN LEANDRO AND THE PLANNING CENTER | DC&E (NOW KNOWN AS
PLACEWORKS)**

This Sixth Amendment (“**Amendment No. 6**”) to that certain Consulting Services Agreement, dated March 3, 2014 (“**Agreement**”) and entered into between the City of San Leandro (“**City**”) and The Planning Center | DC&E, now known as Placeworks, (“**Consultant**”) is entered into as of May 6, 2019. City and Consultant are hereinafter collectively referred to as the “**Parties.**”

RECITALS

WHEREAS, the Parties executed the Agreement for Consultant to provide services related to the San Leandro General Plan Update on March 3, 2014; and

WHEREAS, the Parties executed an Amendment #1 to the original Agreement for Consultant to add an Economic Development Element to the General Plan and all related scope of work related to the new element on April 20, 2015; and

WHEREAS, the Parties executed an Amendment #2 to the original Agreement for Consultant to extend the contract time period to June 30, 2017 and add a new scope of work related to Zoning Code and Map changes in compliance with the General Plan Update on April 12, 2016; and

WHEREAS, the Parties executed an Amendment #3 to the original Agreement Consultant to increase the total sum of compensation authorized pursuant to the Agreement by Twenty-Six Thousand, Eight Hundred Dollars (\$26,800) to a total not to exceed amount of Seven Hundred Forty Six Thousand, Nine Hundred Sixty-Eight Dollars (\$746,968), for the purposes of including additional work to complete the environmental impact report for the General Plan Update and related Zoning Code Amendments; and

WHEREAS, the Parties executed an Amendment #4 to the original Agreement for Consultant to extend the contract time period to June 30, 2018; and

WHEREAS, the Parties executed an Amendment #5 to the original Agreement for Consultant to extend the contract time period to June 30, 2019; and

WHEREAS, the Parties wish to extend the Agreement term in order to complete Task 5.3 of the original Scope of Work and expanded work including a Climate Adaptation Strategy in Exhibit A of the Agreement to meet recent State greenhouse gas reduction, climate change, and climate adaptation regulations;

WHEREAS, the Parties acknowledge that the amount of compensation authorized pursuant to the Agreement is not sufficient to compensate Consultant for an adjusted scope of work to complete the expanded Qualified Greenhouse Gas Emissions Strategy and to complete a Climate Action Plan, conduct Public Outreach, and prepare an Addendum to the General Plan EIR;

WHEREAS, the Parties wish to amend the Agreement to increase the total sum of compensation authorized pursuant to the Agreement by Sixty-Eight Thousand, One Hundred Fifty-One Dollars (\$68,151) to a total not to exceed amount of Eight Hundred Fifteen Thousand, One Hundred Nineteen Dollars

(\$815,119) for the purposes of including additional work to complete the expanded Qualified Greenhouse Gas Emissions Reductions Strategy (Task 5.3 of the original Scope of Work) and to complete a Climate Adaptation Plan, conduct Public Outreach, and prepare an Addendum to the General Plan EIR.

NOW THEREFORE, in consideration of the mutual covenants of the Parties and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. Section 1.1 of the Agreement is amended to read:

The term of this Agreement shall begin on the Effective Date and shall end on June 30, 2021, and Consultant shall complete the work described in Exhibit 1 attached on or before that date, unless the term of the Agreement is otherwise terminated or extended, as provided for in Section 8. The time provided to Consultant to complete the services required by this Agreement shall not affect the City's rights to terminate the Agreement, as referenced in Section 8.

2. Section I, Sub-section A of Exhibit A entitled "Scope of Services" is hereby amended to include the revised scope specific to the Climate Action Plan update, described in Attachment 1;

3. Section II, Sub-section A of Exhibit A entitled "Schedule" is hereby amended to revise the contract period from June 30, 2019 to June 30, 2021; and

4. All other terms of the Agreement shall remain in full force and affect.

WHEREFORE, the Parties hereto have executed this Amendment No. 6 on the 15th day of April 2019.

CITY OF SAN LEANDRO

CONSULTANT

Jeff Kay, City Manager

Steve Noack, Principal
The Planning Center | DC&E (now known as Placeworks)

Attest:

Leticia I. Miguel, City Clerk

010-41-001-5120 ; 687-18-005-5120
Account Number

Approved as to Fiscal Authority:

Approved as to Form:

David Baum, Finance Director

Richard D. Pio Roda, City Attorney

EXHIBIT 1
SAN LEANDRO 2035 GENERAL PLAN UPDATE

AMENDMENT NO. 6 TO CONSULTING SERVICES AGREEMENT (CSA) BETWEEN THE CITY OF SAN LEANDRO AND THE PLANNING CENTER | DC&E (NOW KNOWN AS PLACEWORKS) TO AUGMENT THE BUDGET TO COMPLETE THE QUALIFIED GREENHOUSE GAS EMISSIONS REDUCTIONS PLAN (ALSO KNOWN AS A CLIMATE ACTION PLAN) AND TO COMPLETE A CLIMATE ADAPTATION PLAN, ASSOCIATED ENVIRONMENTAL REVIEW UNDER THE CALIFORNIA ENVIRONMENTAL QUALITY ACT, AND PUBLIC OUTREACH

Scope of Work

Task 5 POLICY DEVELOPMENT & LAND USE MAP UPDATE

Task 5.3: Qualified GHG Emissions Reduction Strategy

Revisions to the scope of work for Task 5.3 from PlaceWorks' original contract are shown in ~~strikethrough~~ and underline below.

The City of San Leandro adopted a Climate Action Plan (CAP) in 2009. Subsequently, both the State and the Bay Area Air Quality Management District (BAAQMD) have adopted criteria clarifying what a CAP must include in order to be considered a “qualified” plan for the reduction of greenhouse gas (GHG) emissions, as well as incentives for communities that do adopt a “qualified” plan. A CAP or GHG strategy (the terms are often used interchangeably) is typically a separate document from the General Plan, but may be prepared more efficiently if it is completed at the same time as the General Plan Update is underway. In this ~~optional~~ task, the consultant team would update San Leandro’s adopted CAP into a “qualified” GHG strategy, bringing it into conformance with current State and BAAQMD guidance. Once the City has a qualified GHG reduction strategy in place, future individual projects that are consistent with the measures in the strategy are excused from having to do their own GHG analysis in the project-specific Environmental Impact Report (EIR).

- A. Update/adjust the 2008-2009 inventory in the adopted CAP, based on assumptions, to a current baseline.
The City received a 2017 inventory through its participation in East Bay Energy Watch. The 2017 inventory is substantially complete, though it does not include emissions from the waste and wastewater sectors. PlaceWorks will add those sectors to allow for a comparison to the City’s 2005 and 2015 inventories.
- B. Prepare a 2020, 2030, and 2050 Forecasts of GHG emissions under a “business as usual” (BAU) scenario, based on the traffic model and vehicle miles traveled

(VMT) data being used for the General Plan and its EIR, ~~as described in Task 4.1, above.~~

PlaceWorks prepared an estimate of 2020 emissions for the General Plan Update EIR by interpolating the projected population and employment from the 2015 baseline year and the General Plan horizon year of 2035. We will update the forecasts to present a BAU forecast and to separate State GHG reductions.

- C. Assist the City in selecting a target for GHG emissions reductions (e.g. % reductions vs. per capita reductions, reductions from existing vs. reductions from BAU). This may be the same target in the adopted CAP, or a new target. This task was not initiated as part of the General Plan. However, the General Plan EIR included a per service population GHG emissions California Environmental Quality Act (CEQA) threshold by estimating the GHG emissions target for year 2035 and the state's population and employment forecast. As part of the CAP update, the City should reevaluate the 2030/2035 GHG emissions targets based on Senate Bill (SB) 32 and the 2017 Scoping Plan Update.
- D. Propose a menu of potential GHG emissions reduction strategies in a number of sectors: transportation, land use, energy use, water conservation, solid waste reduction, etc. These will be drawn from the adopted CAP to the maximum extent possible. The CAP should include a quantified set of GHG reduction measures to achieve the 2020, 2030 and 2050 reduction targets.
- E. Prepare a 2030 and 2050 Forecast of reduced GHG emissions that would be achieved by individual measures that the City elects to consider/adopt, ~~as well as an additional future year forecast beyond 2020 (future year to be determined in consultation with the City and BAAQMD).~~
- F. Re-run the model if the suite of reduction measures changes after public deliberations to see whether the City will still achieve its identified target.
- G. Prepare an implementation program for the CAP. The CAP should include an implementation program detailing the responsible department or agency and timeframe for implementation at a minimum.

- H. Prepare an Addendum to the General Plan EIR. We recommend preparation of an addendum to the General Plan EIR as the environmental review of the CAP.
- I. This scope assumes that the qualified GHG reduction strategy will be substantially based on the adopted CAP in its format and content. The minimum revisions necessary would be made to bring the adopted CAP into compliance with current requirements. PlaceWorks will prepare and format the qualified CAP document.
- J. PlaceWorks will support City staff in conducting community and stakeholder outreach to support development of the GHG reduction measures. Outreach techniques could include group or one-on-one stakeholder engagement, pop-up events, workshops, or other techniques to engage residents and business owners. We also recommend at least two interdepartmental meetings of City staff to ensure GHG measures are feasible and reflective of the City's goals and resources.
- K. In October 2017, the City received a Climate Change Chapter prepared by Four Twenty Seven, describing projected changes in key climate hazards of concern for San Leandro and the citywide assets that these hazards are likely to affect, as well as to present adaption actions that the City may incorporate into relevant plans to address these hazards. PlaceWorks will integrate the Climate Change Chapter into the City's updated CAP as a formal Adaptation Plan.

This scope assumes one Administrative Draft CAP, a single set of internally-reconciled edits from the City, a Public Review Draft CAP, and a Final CAP.

PlaceWorks Cost Proposal

| | Seale Project Manager | Vermilion Associate Principal | Krispi Associate | Way/ Protsman Project Planner | ADMIN/ Graphics | Total Task Hours | Total Task Budget | |
|---|--|-------------------------------------|---------------------|--|--------------------|---------------------|----------------------|----------|
| Hourly Rate: | \$215 | \$195 | \$140 | \$115 | \$120 | | | |
| Phase 1 - Fiscal Year 2018-19 | | | | | | | | |
| Climate Action Plan/Qualified GHG Emissions Reduction Strategy | | | | | | | | |
| 1 | 2017 GHG Emissions inventory review & update | 2 | 1 | 5 | 14 | 22 | \$2,935 | |
| 2 | GHG Forecast Review and Update | 1 | 1 | 2 | 4 | 8 | \$1,150 | |
| 3 | Target Setting | 2 | | 4 | | 6 | \$990 | |
| 4 | State & Regional GHG Measure Review, Update, and Quantification | 4 | 2 | 16 | 16 | 38 | \$5,330 | |
| 5 | Review and quantification of existing City policies and projects | 8 | 4 | 16 | 24 | 52 | \$7,500 | |
| 6 | Project Management and Meetings | 12 | | 4 | | 16 | \$3,140 | |
| EXP | Expenses (travel for 1 in person meeting) | | | | | | \$255 | |
| | Labor Hours Total | 29 | 8 | 47 | 58 | 0 | 142 | |
| | Labor Dollars Total | \$6,235 | \$1,560 | \$6,580 | \$6,670 | \$0 | \$21,300 | |
| Alternative Approach | | | | | | | | |
| | GHG Reduction Checklist | 24 | 12 | 50 | 42 | 16 | 144 | \$21,250 |
| | Labor Hours Total | 24 | 12 | 50 | 42 | 16 | 144 | |
| | Labor Dollars Total | \$5,160 | \$2,340 | \$7,000 | \$4,830 | \$1,920 | \$21,250 | |
| Phase 2 - Fiscal Year 2019-20 | | | | | | | | |
| Climate Action Plan/Qualified GHG Emissions Reduction Strategy | | | | | | | | |
| 1 | Development and Quantification of new GHG reduction strategies | 16 | 8 | 40 | 40 | 104 | \$15,200 | |
| 2 | Preparation of Implementation Program and Project Checklist | 4 | 3 | 8 | 24 | 39 | \$5,325 | |
| 3 | Preparation of Climate Action Plan | 8 | | 20 | 40 | 80 | \$10,560 | |
| 4 | Prepare Addendum to General Plan EIR | 1 | 10 | 2 | 50 | 8 | \$9,155 | |
| 5 | Project Management and Meetings with staff | 16 | | 8 | | 24 | \$4,560 | |
| 6 | Public Hearings (2) | 16 | 8 | 16 | | 8 | \$8,200 | |
| EXP | Expenses (travel for up to 4 in person meetings) | | | | | | \$1,000 | |
| | Labor Hours Total | 61 | 29 | 94 | 154 | 28 | 366 | |
| | Labor Dollars Total | \$13,115 | \$5,655 | \$13,160 | \$17,710 | \$3,360 | \$54,000 | |
| Phase 2 Optional Tasks | | | | | | | | |
| 7 | Integrate Climate Change Adaptation Chapter into CAP | 8 | | 12 | 32 | 8 | \$8,040 | |
| 8 | Outreach - Stakeholder meetings and/or two community workshops | 24 | | 24 | 24 | 15 | \$13,080 | |
| EXP | Outreach Expenses (materials) | | | | | | \$550 | |
| | | | | | | | \$21,670 | |
| Total cost for Phase 1 + Phase 2, excluding optional tasks | | | | | | | \$75,300 | |
| Total cost for Phase 1 + Phase 2, including optional tasks | | | | | | | \$96,970 | |
| Total cost of Phase 1 + Phase 2 + Adaptation Chapter | | | | | | | \$83,340 | |