

2016 Measure B

Innovative Transit Service Models Competitive Grant Application (Rev.10.05.2020)

APPLICATION GENERAL INSTRUCTIONS

- Use this form to apply for 2016 Measure B Innovative Transit Service Models competitive grant funds. All descriptive notes in this form are in blue text. Please answer all parts of the application. Detailed step-by-step instructions will also be provided for this application.
- You can include additional information as an attachment if you require more space to answer the questions. Please make clear references to any attachments in your narratives.
- Submit one application in PDF format for each project to 2016MeasureB@vta.org

PART 1: SPONSOR INFORMATION

Primary Project Sponsor¹	
Project Co-applicant(s) <i>(if applicable)</i>	

Contact person from Primary Project Sponsor Agency regarding this application:

Name	
Title	
Department	
Email	
Phone	

PART 2: PROJECT INFORMATION & ELIGIBILITY

Project Name	
Project Webpage <i>(if any)</i>	
Project Duration	
Service Type <i>(on-demand, fixed-route or others, please explain)</i>	
Description of transportation services provided	<p><i>Please describe the proposed service plan, including service route(s)/service zone, service span and frequency, vehicle need, targeted population, and the intent of the project.</i></p> <p><i>*IMPORTANT: Proposed service <u>must not</u> duplicate² existing VTA³ or another transit provider or city's services.</i></p>



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<p>(Continued) Description of transportation services provided</p>	
<p>Description of geographic areas served</p>	<p><i>A project service map is required. Include service routes, pick-up & drop-off locations, connections to existing transit stops, and project limits, as appropriate.</i></p>

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Total Project Cost Estimate <i>(in current dollars)</i>	
2016 Measure B Request Amount <i>(minimum \$250,000)</i>	
Non-2016 Measure B Contribution % <i>(minimum 10%)</i>	
Date	

1. Primary project sponsor must be a Member Agency. Member Agencies include all fifteen cities, VTA and the County of Santa Clara in Santa Clara County.
2. Funding an existing service is not considered duplication.
3. Please refer to VTA's Regular Service Map: <https://www.vta.org/go/maps>

<i>Signature</i>	<i>Name</i>	<i>Title</i>	<i>Date</i>

IMPORTANT: The application must be signed by Public Works Director, Agency Manager or equivalent senior-level staff or his/her designee. Electronic signatures are acceptable.



PART 3: PROJECT DESCRIPTION

3.1 Does the project present any innovation in its project delivery? (Max. 20 points)

(a) What are the two most innovative aspects of your project? Please select two of the following:

Unique partnership and/or funding arrangements, such as partnerships with other local agencies, innovative mobility providers, technology suppliers, and other partners.

Flexible models of transit service delivery, such as on-demand bus and microtransit operations and/or flexible scheduling.

Technical capabilities, such as:

- Integrated payment system,
- Incentives for traveler choices,
- Mobile application,
- On-demand software, and/or
- Real-time transit data.

Innovative data sharing arrangement and/or data collection methods, such as

- Open data platform,
- Crowdsourcing information and/or incentive-based participation in data collection.

Others; please briefly identify any other innovations in your project:

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(b) Please describe the innovations in your project, with consideration to the following:

- Is your project a new idea to Santa Clara County, i.e. not duplicative of other existing transit services?
- If your project provides on-demand service, how is it different from other existing on-demand operations?
- What organizations or agencies are you partnering with?
- Is your project market-ready? What are the expected utilities of your new service models, systems and/or technologies?
- Is your project replicable in other communities or transferable to other transportation agencies?
- What existing mobility challenge/difficulty does the project address? Does it provide any cost/time savings to existing conditions? Consider the impact of COVID-19 pandemics on transit.

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(c) How does your service help recover transit ridership during/after COVID-19 pandemic, in an innovative way?

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3.2 Does the project provide any first/last mile connection to transit? (Max. 20 Points)

(a) Does/Will the project service accommodate bicycles on board?

Yes No

(b) Where are the proposed pick-up/drop-off locations of your project service? Please list the cross streets or the point(s) of interest such as “ABC shopping center” or “XYZ medical plaza”. Also, please provide a map identifying the route(s) and pick-up/drop-off locations.

If your service is on-demand and has no fixed pick-up/drop-off locations, please provide a map identifying the service zone.

Please provide the following data within the catchment area. *If you answered YES to (a):* The catchment area is calculated as **1 ½-mile actual biking distance** of the pick-up/drop-off locations. *If you answered NO to (a):* The catchment area is calculated as **½-mile actual walking distance** of the pick-up/drop-off locations.

REQUIREMENT: Attach a map identifying the connections to residential area, employment centers and transit within the catchment area.

Residents
Number of residents:
Data source:
Employment
Number of jobs:
Data source:



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Existing or planned regional rail stations¹
List the regional rail operators that serve or will serve the catchment area:
List the station names:
Existing or planned frequent transit stops/stations²
List the frequent transit lines that serve or will serve the catchment area:
List the stops locations/station names:
Existing or planned local transit stops/stations³
List the local transit lines that serve or will serve the catchment area:
List the stops locations/station names:

1. Regional rail service includes Caltrain, ACE, Capital Corridor, and BART.
2. Frequent transit is 15 minute or better frequency from 6:30a to 6:30p, M through F, including VTA's light rail service. Refer to VTA's Regular Service map: <https://www.vta.org/go/maps>
3. Local transit includes all non-frequent transit.



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**3.3 How does the project service benefit vulnerable/transit-dependent populations?
(Max. 20 Points)**

- (a) Please describe the demographics to be served, their current local mobility challenges, and their needs for your transportation service.

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(b) What is the estimated vulnerable/transit-dependent population, if any, within the catchment area of your project service (refer to the calculation of catchment area in section 3.2.b)? You should briefly explain the process of estimation.

Any individual that demonstrates one or more of these following characteristics is considered “vulnerable/transit-dependent”:

- Individuals with disabilities;
- Individuals with low-income (as defined by MTC - person living in a household with incomes less than 200% of the federal poverty level established by the Census Bureau);
- Individuals with no personal vehicles; and
- Youth as defined for VTA’s fare structure: [https://www.vta.org/go/fares#accordion-hide-youth-\(5-18\)](https://www.vta.org/go/fares#accordion-hide-youth-(5-18))

Note - You can find relevant tract-level data provided by MTC:

<http://opendata.mtc.ca.gov/datasets/mtc-communities-of-concern-2018-with-american-community-survey-data-2012-2016>

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(c) How does the project address the mobility challenges in part (a) and better serve vulnerable/transit-dependent populations in part (b)?

[Empty response box for question (c)]

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3.4 Is the project service affordable for vulnerable/transit-dependent populations? (Max. 10 Points)

(a) What is the proposed fare structure of the project service?

Fare Type	Proposed Fare per Trip (\$)
Regular – Adult	
Disabled	
Low-income	
Youth	
Other types, please specify:	

(b) Please describe if the project offers any additional discount, i.e. with monthly passes or annual passes, or by different payment methods.

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3.5 Does the project serve an underserved market? (Max. 10 Points)

An underserved market is a geographic area that currently has infrequent or no transit service. Please describe if the project:

- provides new or supplementary transit service to an underserved market; **OR**
- targets new markets currently not served such as specific commute patterns and/or early morning/late night service.

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3.6 Project Timeline (Max. 5 Points)

(a) Have you completed a feasibility/planning study?

Yes No

(b) Have you secured vehicles, equipment, and/or labor services required for the project?

Yes No

(c) Have you launched the project service? If not, when do you expect to launch the service? If you answer No to (a) and/or (b), please provide an estimated timeline of project delivery (in Month/Year), including the completion of a feasibility/planning study and vehicles, equipment and labor services procurement.

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3.7 Project Cost (Max. 10 Points)

2016 Measure B Fund Request	
Non-2016 Measure B Funds	
Total Project Cost (in current dollar) ¹	
% Non-2016 Measure B Contribution ²	

Notes:

1. Total project cost includes both capital cost and operating cost, as well as other miscellaneous costs.
2. % Non-2016 Measure B contribution should be calculated as (Non-2016 Measure B funds/Total Project Cost) x 100%.

You must attach a breakdown of cost estimates, including capital costs and operating costs. List all your assumptions.

Please list any existing or anticipated Non-2016 Measure B fund sources if known.

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3.8 Cost-effectiveness (Max. 15 Points)

(a) Please provide the following estimates:

Project Duration for 2016 Measure B Fund Request	
Total Operating Cost	
Total Forecasted Ridership (passenger trips)	
Estimated cost per passenger trip	

Note: "Estimated cost per passenger trip" is calculated as "total operating cost" divided by "total forecasted ridership" in the duration.

(b) Please describe the methodology of estimating the total operating cost (excluding capital costs), with data sources if any. Consider the impact of COVID-19 on operations and list all assumptions.

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- (c) Please describe the methodology of ridership forecast with data sources if any. If your project is in operation, please also provide existing ridership. Consider the impact of COVID-19 on ridership and list all assumptions.

[Empty response box for methodology and ridership forecast]

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PART 4: ATTACHMENTS

- **Required attachments:**
 - Project service map
 - Catchment area map – identify connections to residential areas, employment centers, and existing transit
 - Project cost estimates – identify capital costs and operating costs breakdown
- **Optional attachments:**
 - Project executive summary
 - Ridership data (if applicable)
 - Feasibility/planning study - executive summary
 - Documentation of vehicles, equipment, and/or labor services acquisition
 - Other (please specify):

PART 5: SUBMISSION

The application packet will be accepted via email to 2016MeasureB@vta.org.

- Subject Title: 2016 MB Innovative Transit Application – *Your Agency Name, Abbreviated Project Name*
- For questions, please email: Nicole He (nicole.he@vta.org) or Triana Crighton (Triana.crighton@vta.org)
- Format: Every effort should be made to convert the completed application form and all scanned files to PDF format with optical character recognition (OCR).
- Application Package: Please minimize the application packet size (max. 25MB) for emailing. You may provide a direct download link if the package size is over 25MB.

