RIO METRO
REGIONAL TRANSIT DISTRICT

PURCHASE ORDER

Mail ALL invoices to: Attn: Accounts Payable
809 Copper Ave NW
Albuquerque, NM 87102

or email to: ap@mrcog-nm.gov

PO Number: PO18599
Date Issued: 06.04.2018

Vendor:
Remix Software Inc.
1128 Howard Street
San Francisco CA 94103

Shipping Address:
809 Copper Ave NW
Albuquerque, NM 87102

Line #	Item Description	Quantity	Unit Price	Total
1	Remix Software license	1.000	$14,740.00	$14,740.00
2	Remix Software license	1.000	$7,260.00	$7,260.00

Total PO Amount: **$22,000.00**

Accounting Office Use Only

Fund	GL	Program	Activity
1300	52505	410	4003
1300	52505	420	4011

Comments:
Requestor: Elizabeth Carter

Issued and Certified by:

Kim Monjaras

Kim Monjaras, Chief Procurement Officer

RIO METRO
REGIONAL TRANSIT DISTRICT

809 Copper Ave NW
Albuquerque, NM 87102
Phone: (505) 247-1750 | Fax: (505) 247-1753 | Website: www.riometro.org

NEW MEXICO
RAIL RUNNER

PURCHASE REQUISITION

PO18599

	CAPITAL EQUIPMENT		NON-CAPITAL EQUIPMENT AND/OR SUPPLIES	X	CONTRACTUAL SERVICES/LEASES

Vendor: Remix Software, Inc.
1128 Howard Street
San Francisco, CA 94103
(415) 503-9174

Requested by: Elizabeth Carter

Date: 5/29/2018

QUANTITY	DESCRIPTION	UNIT COST	TOTAL
1	1 year Remix Software license for commuter/fixed route fleet of 11 (Sandoval Contracted and 'Valencia Directly Operated servcies)	$ 22,000.00	$ 22,000.00
		$	-
		$	-
		$	-
		$	-
		$	-
		$	-
		$	-
		TOTAL:	$ 22,000.00

Remarks: This software license will allow bus operations personnel develop new routes and make changes to existing routes to improve service effiiciencies and decrease service costs. The software license allows for unlimited number of user accounts.

ACCOUNT CODES REQUIRED:

	Fund	Program	Activity	GL Line Item	Notes
1.	1300 GRT TRANSIT	410 VALENCIA	4003 Valencia Demand Response	52505 Other Services	$14,740.00
2.	1300 GRT TRANSIT	420 SANDOVAL	4011 Sandoval Demand Response	52505 Other Services	$7,260.00
3.					
4.					

Manager approval
Approved by: _Elizabeth M. Carter_
Date: _5-29-18_

Director approval
Approved by: _[signature]_
Date:

Executive Director approval
Approved by: _Henry V. Cave_
Date: _5-30-18_

IT appoval, if applicable
Approved by:
Date:

NO PURCHASE IS TO BE MADE WITHOUT A CERTIFIED PURCHASE ORDER

Effective: 7/1/2015

RIO METRO REGIONAL TRANSIT DISTRICT

MEMORANDUM

RIO METRO
REGIONAL TRANSIT DISTRICT

To: Conni Vigil, Senior Finance Manager
              Kim Monjaras, Purchasing Officer

From: Elizabeth Carter, Assistant Transit Director

Date: May 29, 2018

Re: Sole Source Justification - Remix Route Planning and Scheduling Software

RMRTD operations and management staff is tasked with modifying existing routes and designing new routes as well as cost estimates in accordance with RMRTD's Five (5) Year Short Range Plan. Transit scheduling is a multi-dimensional process requiring a number of steps. First, a planner develops a timetable that identifies how many trips will be operated and what times those trips will depart designated time-points. When this step is complete the buses are assigned to different trips- this process, called "blocking", may undergo two or three reiterations before the timetable is complete. Once the blocking has been completed, a run cut is created which arranges the blocks to create "runs" or driver shifts, and then a detailed instructions sheet, called a "paddle", is developed to instruct the driver. Once the run cuts are complete, drivers "bid" on the runs selecting which shifts they want to work. This process is further complicated because the scheduling process is not only constrained by available resources (drivers and buses) but must also conform to connecting services, which for RMRTD, this would include Rail Runner, Albuquerque Transit and Socorro Transit.

The process now involves RMRTD staff developing timetables by hand and making informed but frequently and inaccurate attempts at blocking vehicle assignments. Blocking by hand is very difficult and RMRTD's currently technology is no able to optimize the schedules. A timetable currently takes a single staff ember about 20-35 hours to produce. The timetables and the driver schedules are created by hand in Excel, and frequently results in errors which are often difficult to catch even after multiple reviews by staff.

The Remix web-based route planning platform will allow an agile way to visually sketch transit scenarios, design new routes, modify existing routes, estimate costs and allow for rapid evaluation and comparison. This tool will also bring in geospatial data to make better decisions about routes and provide a more effective method to conduct Title VI Transit Service Equity Analysis. The technology enables iterative sketching to see the impact of multiple planning options in a faster more efficient way saving valuable time for RMRTD.

The Remix web-based scheduling platform will allow staff to produce schedules more effectively and efficiently. The software allows for a seamless transition between planning and scheduling, resulting in better service for riders and improved shifts for drivers. The software optimizes scheduling and thereby reduces the resources need to run the system. Accurate schedules and run cuts can be produced in minutes rather than hours. The program can review timetables as they are built, accounting for and correcting errors as it works. Blocks can easily be changed with a drag and drop function. This function makes aligning service simple, pressing the most hours of operation out of a single vehicle.

Remix's easy-to-use software would allow RMRTD to change its schedules more frequently to account for peak seasons and/or anticipated traffic congestion. RMRTD would be able to create schedules for special events quickly and easily.

The Remix program would also directly create RMRTD's General Transit Feed Specification (GTFS) allowing for easier updates to Google Maps and the National Transportation Atlas Database for the Federal Transit Administration's National Transit Map. Uploading GTFS data is now a multi-step process completed by a contractor.

Remix allows users to receive access to an easy-to-use online platform without the worry of maintenance, hosting, or software updates. Whereas transit planning often requires a time-intensive, multi-step process with many tools, Remix enables staff to understand the impact of many planning options immediately in a visual, easy to use format and saving valuable time and money. While overseeing immediate changes and their impacts of multiple planning options in a faster, more efficient way. This tool will help make better decisions about routes and provide a more effective method to conduct a Title VI Transit Service Equity Analysis. With Remix, the RMRTD staff can quickly and easily map the proposed routes and see the estimated costs and potential demographic impact in real time as well as develop driver schedules in minutes. The acquisition of this product will support us in route and stop modifications and system design. Remix calculates revenue time, frequency, route mileage, and layover time as the route is being drawn or modified. In addition, operating costs are being calculated in real-time. This allows us to quickly and easily make route comparisons.

Remix is the only web-based transit planning and scheduling software platform that provides the below into a single-integrated platform for transit planning:

- Rapid route design
- Import/analysis/modification of existing transit routes
- Demographic analysis
- Operating cost-calculations
- Travel time-visualizations
- Title VI analysis
- Additionally, users are able to export changes and proposal into Microsoft Excel, Google Earth, shapefiles, GTFS and PNG files. Users can share changes to other users, the public and the Board for review and comment

Remix's cloud-based software is delivered through a Software as a Service (SaaS) model where users receive access to an easy to use platform without the worry of maintenance, hosting, or software updates. The software is maintained by Remix which will continue to be enhanced over time. No other software offers this functionality all in one tool.

See additional information from Remix Software, Inc.

My request is to sign a three (3) year agreement to use the software for route planning and scheduling This is a three (3) year contract at $22,0000 per year and Remix has eliminated the $2,000 one-time set up fee.

CITY OF MODESTO
JUSTIFICATION FOR SOLE SOURCE/SOLE BRAND
(must be completed on requests over $1,000)

Requisition Number: _____   Dated: __November 22, 2017_____

Item: _Remix – Transit Planning and Scheduling software _____

Sole Source: Item is available from only one vendor. Item is one-of-a-kind Item and is not sold
■   through distributors. Manufacturer is a sole distributor.

Sole Brand: Various vendors can supply the specified model and brand and competitive bids will be
☐   solicited for the brand requested only.

Refer to the Instructions on the back of this form for required criteria before completing this form.

JUSTIFICATION: (attach additional sheets, if required)
Remix is a company, building modern mapping tools for planning transit. Remix is currently the only tool that provides an agile way to visually sketch transit scenarios, design new routes, modify existing ones, estimate costs and allow for rapid evaluation and comparison. This tool will also bring in geospatial data to make better decisions about routes and provide a more effective method to conduct Title VI Transit Service Equity Analysis. The technology enables iterative sketching to see the impact of multiple planning options in a faster, more efficient way, saving valuable time for Modesto.

Remix is the only product designed to:
1. Help transit agencies sketch transit scenarios
2. Estimate costs in real time
3. Upload routes via GTFS data format
4. Overlay geospatial data
5. Allow for rapid evaluation and comparison
6. Be delivered through a Software as a Service (SaaS) model where users receive access to an easy to use platform without the worry of maintenance, hosting, or software updates. The software is maintained by Remix which will continue to be enhances over time.

See attached additional information about the software from Remix.

We have not encountered any software that is capable of providing this same functionality.
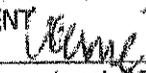
CERTIFICATION:
I am aware of the Modesto Municipal Code. Sections 8-3.203and 8-3.204 and Purchasing Procedures Manual Section I, Procedure 3, Paragraph's B, C, and D for competitive bidding and the established criteria for justification for sole source/sole brand purchasing. As an approved department representative, I have gathered technical information and have made a concentrated effort to review comparable/equal equipment. This is documented in this justification. I hereby certify as to the validity of the information and feel confident this justification for sole source/sole brand meets the City's criteria and is accurate.

This form was completed by: Adam Barth 209-577-5298

_____   DEPARTMENT
Name   APPROVAL: _____ 11/27/17
                                                     Director for Authorized Representative/Date
PW /Transit / x 75298   PROCUREMENT
Dept/Division Representative/Phone   APPROVAL: _____
                                                     Procurement Officer/Date

CRITERIA FOR SOLE SOURCE/SOLE BRAND

A. FACTORS WHICH MAY BE APPLICABLE:

Respond specifically to each question below in preparing a justification.

1. If the product requested is one-of-a-kind item provide background information on how this was determined.

2. Provide information on why a particular product and/or vendor was chosen.

3. Provide information on other vendors that were contacted and why they can not provide the requested product. Is the selected vendor also the manufacturer?

4. If unique features are required to successfully perform the required function. Identify what those features are and why they are required. (Be specific)

5. Provide information on other models available and why they were rejected. Provide brand name, model, vendor name, date, and name of each person contacted.

6. To "match and intermember" is not normally an acceptable justification for sole brand. When you determine this is a justified factor which should be considered: the quantity, manufacturer, brand, model, property number of the existing equipment, and necessity for "interfacing" must be provided.

B. FACTORS WHICH MAY NOT BE APPLICABLE:

The following factors should not be included in your sole source/sole brand justification. They will not be considered and only tend to confuse the evaluation process.

1. Personal preference for a product or vendor.

2. Cost, vendor performance, local service, maintenance, and delivery (these are award factors in competitive bidding).

3. Features which exceed the minimum department requirement, e.g. heavy duty and quality.

4. Explanation for the actual need and basic use for the equipment, unless the information relates to a request for "unique features".

5. The statement "no substitutions" will not be considered without completion of the "Justification for Sole Source/Sole Brand" form.

If you need assistance in completing your justification, please call the buyer assigned to the commodity you wish to purchase.

REMIX: DOCUMENTATION OF SOFTWARE FEATURES AND FUNCTIONALITY

EXECUTIVE SUMMARY: Remix is the only web-based transit planning & scheduling software platform that provides rapid route design, import/ analysis/modification of existing transit routes, demographic analysis, operating cost calculations, travel time visualizations, and Title VI analysis (US-specific) into a single integrated platform for transit planning. Our cloud-based, software as a service (SaaS) platform is ready for immediate deployment and is "off-the-shelf."

Remix solely provides the following unique solutions:

1. Remix is the only software platform which provides a drag-and-drop interface for modifying existing routes through the use of General Transit Feed Specification (GTFS) and for creating new routes.

2. Remix's cloud-based, software-as-a-service platform is the only solution for initial sketch planning and service planning, as well as a way to take those service plans on a frequency-based level and easily translate into scheduling on a trip-based level.

3. Remix allows a user to design and modify a transit route, while simultaneously observing demographic analysis and cost analysis in real time. A user can immediately see the demographics of those affected by the proposed change, as well as the operating cost of running the proposed new route at specific frequencies, trips, and timetables.

4. Remix uniquely lets you conduct these analyses and develop a schedule in the same platform in which the route is designed, preventing errors from using multiple, different software tools.

5. Remix includes built-in Title VI service equity analysis which provides In-depth change analysis between existing transit routes and planned changes.

6. Remix provides an adjustable travel time visualization tool ("Jane" isochrone) which illustrates a transit rider's ability to travel at any given time from any point on the map.

7. Remix enables fast and accurate sketch planning by using the physical stop infrastructure to detect stops on the correct side of the road at the appropriate spacing.

8. Remix also offers all of these features in a web-based user interface that is much faster and user friendly than any other transit planning software.

9. Users are able to export from Remix routes and stops into Microsoft Excel, KML (Google Earth); shapefile; frequency-based GTFS; and PNG image, as well as print (hard copy and PDF).

10. These features also allow the opportunity for the tool to be used dynamically in scenarios in which a typical analysis tool would not be used. The product is visually compelling and intuitive, and provides an ease of communication among both technical experts and also laymen. Remix has been successfully used live in public meetings and internal discussions, allowing different stakeholders to come to better decisions, faster.

KEY FEATURES OF REMIX SCHEDULING

- **Interactive blocking**
  - Specify depots and relief points
  - Layover requirements
  - Interlining rules
- **Visual runcutting**
  - Specify labor rules: spread hours, pre/post-trip time, guaranteed hours
  - Display visual runcut options for different scenarios -- e.g. most driver-friendly, lowest cost, most efficient, etc.
  - Easily toggle between options and see high-level, key metrics between them all for easy comparison and decision-making
- **Bids (two formats)**
  - Cafeteria format: drivers can pick individual duties for each day type they would like to work
  - Roster-style format: duties are assembled into weekly packages, and drivers can specify which they'd like
- **Paddles**
  - Easy-to-read, printable paddles to hand out to drivers
  - Automatically generated from runcuts
  - Includes relief car scheduling instructions as well (see below)
- **Relief Car Scheduling**
  - Based on relief points, we can generate a relief car schedule at the same time
- **General Transit Feed Specification**
  - Open data standard for transit data output - for trip planners
  - Can easily integrate with existing AVL vendors

KEY FEATURES OF REMIX PLANNING

- **Fast and accurate sketch planning using existing stop infrastructure, including:**
  - Stops database built on latitude and longitude of existing stops
  - Stop IDs
  - Stop Name
  - Routes served at each stop
  - Quickdraw, which detects stops on the correct side of the road at the appropriate spacing
  - Exportable stops in: shapefile, Microsoft Excel, KML (Google Earth) formats

- **Instant demographic impact analysis using the latest US Census data from the American Community Survey:**
  - Minority (people who are non-White or of Hispanic origin),
  - Population (people living per square mile),
  - Poverty (people falling below the nationwide poverty level),
  - Car free (households with no vehicle available),
  - Senior (people 65 or older),
  - Youth (people 18 years or younger),
  - Disabled (people who have a disability)
  - Limited English (household with limited English speaking status).
  - Custom data layers in shapefile format (upon request)

- **Instant analysis and modification of transit routes with interactive bus graphs, including:**
  - Run time
  - Headways
  - Average speed travelled
  - Number of buses required for route
  - Annual cost of operation
  - Annual revenue hours
  - Annual revenue miles
  - Length of route
  - Layover
  - "Wiggle" room or slack in schedule

- **Generate, customize, and visualize timetables for route scenarios**
  - Define trips within service windows for route scenarios with exact timepoints and pattern variants
  - Ability to modify single or multiple timepoints
  - Edit multiple trips by customizing segment level runtimes based on historical information
  - Shift all trips in a service window by modifying the inbound and outbound start times
  - Clearly model routes with varying termini, irregular stop structures, and non-standard headways (for example, commuter routes and "trippers")
  - Easily export timetables to Excel for quick sharing with other teams (i.e. Scheduling, Marketing)

- **(US-agencies) Title VI Service Equity Analysis, involving:**
  - Before and after census-based Title VI service equity analysis completed in 10-15 minutes via 4 outputs: 3 visual maps, and spreadsheet with key data including:
    - Total population served (within .25 mile radius of all stops), including breakdown of low-income and minority populations by census block group
    - Raw data provided for breakdown
    - Change in percentage of people-trips for low Income and minority populations from before and after scenarios
  - In-depth Title VI methodology found here: http://remix.com/title-vi, approved and co-developed with multiple transit agencies

- **Instant "Jane" Isochrone Mobility Visualization and Analysis, which allows agencies to:**
  - Analyze ability to travel from any point on the map
  - Visually represent data on map
  - Overlay on top of transit map for visual impact
  - Analyze ability to travel within 15, 30, 45, and 60 minutes
  - Customize time of travel based on frequency/availability of transit options at any time of day

WEB-BASED PLATFORM

Remix is unique because it is delivered according to a Software as a Service (SaaS) model: users receive access to an easy-to-use online platform without the worry of maintenance, hosting, or software updates. Users access Remix via a username/password with no installation or downloads necessary. Remix Software, Inc maintains the technology infrastructure and releases new features for the planning platform over time and allows agencies the access to it.

CONCLUSION

Remix Software, Inc warrants that it is the manufacturer and sole provider of the Remix software platform, which includes planning and scheduling functionality. Furthermore, Remix Software, Inc. warrants that they are the only source for setup and customization, training, and customer support services for the Remix software.

Sam Hashemi
Chief Executive Officer
sam@remix.com
415.503.9174

Remix Software, Inc
155 9th Street
San Francisco, CA 94103
www.remix.com

NVTA

NAPA VALLEY TRANSPORTATION AUTHORITY
Board Agenda Letter

TO:	NVTA Board of Directors
FROM:	Kate Miller, Executive Director
REPORT BY:	Matthew Wilcox, Program Manager - Public Transit (707) 259-8635 / Email: mwilcox@nvta.ca.gov
SUBJECT:	Amendment No. 1 to Purchase Order 16-1008 with Remix Software Inc.

RECOMMENDATION

That the Napa Valley Transportation Authority (NVTA) Board approve Amendment No. 1 (Attachment 1) Purchase Order 16-1008 with Remix Software Inc. (Remix) to include a two-year license for the Remix scheduling platform in an amount not to exceed $90,200 and authorize the Executive Director to execute contract documents subject to review by legal counsel.

COMMITTEE RECOMMENDATION

None

EXECUTIVE SUMMARY

NVTA is currently using dated methods for creating schedules. To produce more efficient schedules and better align schedules with seasonal changes in traffic, NVTA staff recommends acquiring a new scheduling platform designed by Remix. Remix already provides NVTA with route planning software and the scheduling software will work in tandem with the planning software to improve scheduling outcomes.

The cost of the software license is $82,000 for two years. A ten percent (10%) contingency has been added to the project cost to allow for minor variations within the project scope. The new scheduling software is expected to achieve significant cost savings in operational efficiencies and cut the time staff currently spends on scheduling by as much as 90%.

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Measurable and Proven Results
We've worked with 275+ agencies and documented their return on investment (ROI).

Agency	Use Case	Impact & Savings
Auckland Transport	Auckland Transport conducted scenario planning for transit network analysis in Hibiscus Coast area	**12X increase in staff productivity** Saved 240 hours in staff time for scenario planning (92% reduction, from 252 hrs → 20)
MPO	Indy MPO researched, designed, and planned Hamilton County's fixed-route service for a referendum and tax proposal	**$150K+ saved in consultant fees** By increasing staff capacity through using Remix in-house
Torrance Transit	Torrance Transit analyzed Rapid and Local bus network to optimize operational costs and cut redundancy on 2 routes	**$550K saved in operating costs** And invested in weekend service as a result
AC Transit	AC Transit reimagined their bus network after a ballot measure expanded their operating budget by 14%	**24x increase in route scenario productivity** Average iteration dropped from 1.5 days to 30 minutes
LINK TRANSIT	Link Transit uses Remix to design detours, conduct scenario planning, and connect the urban core to rural areas	**4x improvement in time designing detours** Average route change dropped from 1 day of effort to 2 hours
King County METRO	King County Metro designed a long-range plan that will add 2.5 million service hours by 2040	**Saved 6 months and 2 extra staff members** Built consensus during stakeholder review process across 39 municipalities in only 6 months
COTA CENTRAL OHIO TRANSIT AUTHORITY	COTA planned their Transit Service Redesign in Remix. Used Remix to analyze demographics, evaluate request, verify stops	**25% time saved in visualizing redesign** Drawing 1 route takes one planner 5 minutes in Remix. It takes 2 planners 20 minutes to draw a single route in Trapeze or ArcMap.
KCATA	KCATA Embarking on a system wide service reduction plan. Use Remix to jumpstart the initial planning process	**50% time savings in scenario planning** By using Remix versus using printed maps, whiteboards, and excel.

remix

Sandusky optimizes routes, develops scenarios, and estimates costing for their new fixed-route network which is part of a long-term plan to reduce cost of service

18% increase in access to jobs and 82% boost in access to stops All with an average 12-minue reduction in travel times.

BCRTA doesn't have planners on staff but was able to design a new commuter service using remix for Monroe and Middletown.

24x increase in route scenario productivity

Designed 10 different route alternatives using Remix. Route will begin service in late 2017

AMTRAN integrated inter-county routes with neighboring Cambria Transit, gaining a bus in the process. Before Remix, AMTRAN dropped passengers off at the county line

Approximately $400k saved

By designing a single route with a single fair structure for an inter-county route, reducing the number of buses required to operate.

C-Tran used Remix to generate Title VI Service Equity Analyses, and submitted successfully to FTA.

30x increase in productivity
Title VI analysis time dropped from 1 month to 1 day, significantly increasing the number of service improvements the agency could plan.

CityLink used Remix to rebuild routes based on time points for their North Side Expansion Route Study

Process efficiencies

Can now conduct Title VI analysis more efficiently and frequently. Demographic data to help identify populations for the rapidly growing corridor.

Asheville Transit (Asheville, NC) did not have a dedicated scheduler; supervisors were scheduling by hand. They could not make changes easily.

$90,000/year in operational costs through improved scheduling, w/ same level of service

Over **50% straight runs** and the ability to schedule relief cars

Greater Lynchburg Transit Company (Lynchburg, VA) had outdated software no one knew how to use and 6 big splits in the schedule that were affecting driver retention

$102,000/year in operational costs: eliminating all 6 splits; same service w/ 2 fewer drivers

Scheduling ability inhouse instead of third-party

Rochester Public Transit (Rochester, MN) originally had their planning and scheduling operations completely separate, and the planners/administrative staff at RPT had no transparency into how schedules were built, making it difficult to incorporate the changes

Seamless transition between planning and scheduling, making it easier to incorporate service changes.

Newly implemented Sunday service and expanded weekday service.

2

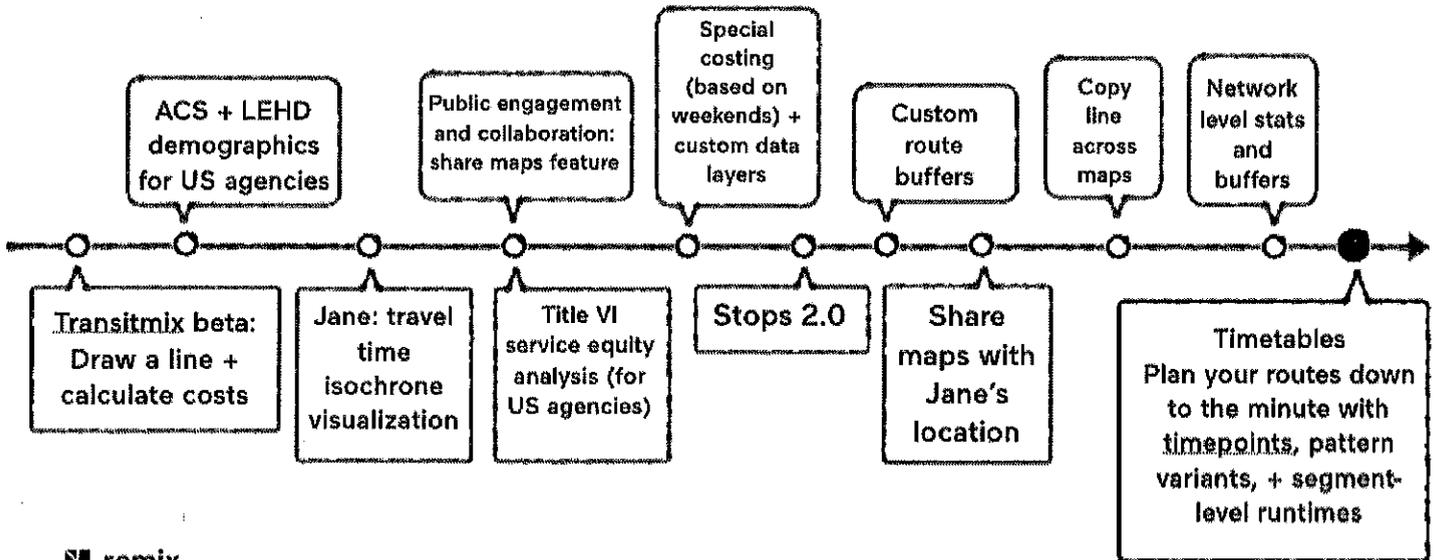# remix

that they wanted.

THE BUS

The BUS (Merced, CA) collaborated with their operators to generate runcuts and rosters. Their traditionally manual process provided very little visibility into whether their schedules were optimizing for efficiency.

Generated 20+ schedules to get the optimal solution.

3 weeks of staff time per bid. The agency generated 20+ schedules in 2-3 days for one bid, when before it took them 3 weeks to generate 1 schedule.

REMIX PLANNING

Major planning features in Remix

Timeline features (top row, left to right):
- ACS + LEHD demographics for US agencies
- Public engagement and collaboration: share maps feature
- Special costing (based on weekends) + custom data layers
- Custom route buffers
- Copy line across maps
- Network level stats and buffers

Timeline features (bottom row, left to right):
- Transitmix beta: Draw a line + calculate costs
- Jane: travel time isochrone visualization
- Title VI service equity analysis (for US agencies)
- Stops 2.0
- Share maps with Jane's location
- Timetables — Plan your routes down to the minute with timepoints, pattern variants, + segment-level runtimes

remix

◩ remix

Background on Remix Web-Based Versions

Because Remix is Software-as-a-Service (SaaS), we constantly build new features and improvements. Over time, you can expect to get more value out of the platform.

Continuous improvement is our simple model.

Traditional companies charge a large upfront cost for software, yearly maintenance fees, and additional customer service fees. Whenever a new software version comes out, these companies restart the process and charge all over again. Remix believes in continuous improvement of our software and a simple subscription model to support it.

Invest once and get all new versions of Remix.

Because Remix is web-based, we can release features anytime. Since 2014, Remix has released 17 versions of the product and has added 40+ new features or product improvements. All of these product improvements are released to all of our customers. We want to provide you with the full functionality of Remix, always.

We improve because we listen.

Most of what we build comes directly from customer feedback. We release small improvements every week, and we ship big features at least once per quarter.

Our SaaS philosophy allows continual investment in our product.

We expect to release several major versions every year. Agencies who join Remix later in the year may see a different quote from earlier estimates because they are coming on board with the most valuable, up-to-date version of Remix. Once on board, agencies will get all additional features and product improvements at no additional cost for the duration of their Remix agreement. That's our software-as-a-service philosophy, which allows us to continuously invest in making the product better and provide the most value to our customers.

Why do our customers choose to invest in multi-year deals?

1. They can easily forecast the cost of Remix in the future budget
2. All new features are included in the price
3. No increase in costs if their fleet size increases

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Remix Proposal for Rio Metro RTD

Prepared for Elizabeth Carter, Rio Metro RTD. By Janice Park, Remix (janice@remix.com). Date: 02 MAY 2018

What do I get with Remix Planning?	**A full transit planning platform for your entire agency. It's an annual subscription for unlimited users, and includes:**

- Fast and accurate sketch planning using existing stop infrastructure
- Instant demographic impact analysis
- Instant cost estimates
- Unlimited exports (excel, shapefile, KML, frequency-based GTFS, high-resolution image)
- Unlimited custom data layers (polygon-based shapefiles)
- Unlimited GTFS uploads
- Public engagement and share features
- Travel-time isochrone visualizations
- Title VI Engine (US) - generate a service equity analysis in less than 10 minutes
- Timetables – generate and customize timepoints and segment-level runtimes
- Export timetables into excel
- Consistent and regular product improvements / feature launches

What do I get with Remix Scheduling?

Blocking
- Interactive blocking to finalize vehicle assignments
- Unlimited number of excel report for daily vehicle assignments
- Determines optimally efficient peak bus count
- Detailed bus logistics for dispatch and maintenance

Run Cuts
- Dynamic runcutting interface for multiple schedule generation
- Unlimited number of excel report for with driver assignments to vehicles
- Optimize cost, OT, or crew count
- Produce driver & labor friendly schedules
- Maximize straight runs

Cafeteria/Roster Style Bidding
- Intuitive and informational bid sheets for drivers
- Unlimited number of excel reports for cafeteria or roster style bidding

Relief Vehicle Scheduling
- Excel report includes relief vehicle logistics needs
- Determines relief vehicle needs

Paddles
- Easy to read, detailed printable instructions for drivers
- Customizable time points to keep drivers on schedule

General Transit Feed Specification (GTFS)
- Validated GTFS export for mobile rider apps
- Integrates with a variety of AVL & farebox systems

Remix Scheduling integrates with Syncromatics, AVAIL, Double Maps, and Transdev VDS

remix

Customer support?

Our Success Team brings years of transit experience and works with you to develop a customized Success Plan. Each plan has three parts:

1. Onboard (First 60 Days): Identify a first project and work on it together.
   - Workshops, Project-Assisted Training, Individual Sessions, Video Guides

2. Plan (Months 2+): Bring your plans to life with Remix.
   - Regular Check-ins, Best Practices Blog, Remix Webinars, Remix Conference

3. Measure Results (Months 6+): Document your return on investment (ROI).
   - Develop ROI Report, Set Yearly Goals, Manage Renewal, Plan Ahead

Technical requirements?

Remix is entirely web-based and software-as-a-service (SaaS).

- Everything is in the cloud -- no installations or downloads. Can access from anywhere.
- Every user gets a login + password
- Remix works on the latest version of any browser
- Agency-wide annual subscription -- no maintenance fees.
- Every time we update the platform and launch a new feature, you'll see it the next time you log in. We launched 40+ new features within the last 12 months, rolled out to all customers

remix

Remix Pricing Summary and Agreement for Rio Metro RTD

May 2, 2018 pricing is applicable until June 15, 2018. Our pricing is based on the total size of your fixed-route vehicle fleet.

Effective Date	July 1, 2018
Commitment Term	1 year + option years for year 2 and year 3
Remix License	~~$28,000 USD per year, based on a total fixed-route fleet of 11~~ **$22,000 USD per year, based on a total fixed route fleet of 11** **Discount contingent upon contract execution by June 15, 2018.** • Remix licenses for an unlimited number of users within organization. • Software as a Service (SaaS): fully hosted, cloud-based web platform. • Dedicated Customer Success staff. • Enterprise Support: response to requests in 1 business day.
One-Time Setup	~~$2,000 USD~~ **Waived set up fee contingent upon contract execution by June 15, 2018.** • Provide onboarding and training for all staff. • Create user accounts. • Process latest GTFS and any custom data.
Marketing Terms	Willingness to work with Remix to develop a case study, mutually agreeable press release, ability to use Customer as a reference.
Year-to-Year Pricing	$25,300 if 1 year contract (+10%)

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This Services Agreement ("Agreement") is entered between Remix Software, Inc. ("Company"), and the Customer listed below ("Customer"), as of the Effective Date. This Agreement includes the above licenses and support (the "Services") and incorporates the above Pricing Summary and Agreement as well as the Terms and Conditions available at www.remix.com/terms and contains, among other things, warranty disclaimers, liability limitations and use limitations. There shall be no force or effect to any different terms of any related purchase order or similar form even if signed by the parties after the date hereof.

Rio Metro RTD

Signature: _____

Name: _____

Title: _____ Date: _____

Remix Software, Inc.

Signature: _____

Name: _____

Title: _____ Date: _____

Please complete Accounts Payable information legibly:

Billing Contact Name: _____ Email: _____ Phone: _____