March 24, 2016

RE: Open Source Voting Hearing – Supporting Documents

Dear Members of the Rules Committee:

Attached are three documents to accompany the presentation I will be giving at today's Rules Committee meeting during the hearing on open source voting.

The documents are as follows:

1. An index of the letters sent in so far in support of San Francisco funding an open source voting system, provided for convenience,
2. A spreadsheet breaking down the cost of San Francisco's current voting system, for comparison, and
3. A possible detailed timeline for the open source voting system project.

Also, here is an op-ed published in today's San Francisco Examiner that I co-authored:

http://www.sfexaminer.com/public-transparent-voting-system-san-francisco/

I look forward to today's hearing. Thank you.

Sincerely,

Chris Jerdonek
Elections Commission, Vice President

Open Source Voting System Project – Letters in Support

Date: March 24, 2016

Below is an index of letters sent to the Mayor and Board of Supervisors in support of funding the development and certification of an open source voting system. The listing is current as of March 24, 2016.

The letters are listed below chronologically in order of receipt:

1. Justin Jones, Feb. 5, 2016
2. Philip Neustrom, Feb. 8
3. Sara and Peter Ogilvie, Feb. 8
4. Philip B. Stark (http://www.stat.berkeley.edu/~stark), Feb. 9
   Associate Dean, Mathematical and Physical Sciences; Professor, Department of Statistics, University of California, Berkeley
5. **Open Source Initiative (OSI)** (http://www.opensource.org), Feb. 9
6. **Code for San Francisco** (http://codeforsanfrancisco.org), Feb. 9
   Jesse Biroscak, Captain, Code for San Francisco
7. **GitHub** (http://github.com), Feb. 15
   Chris Wanstrath, CEO and Co–Founder, GitHub, Inc.
8. **Follow My Vote** (https://FollowMyVote.com), Feb. 15
   Adam Kaleb Ernest, CEO, Follow My Vote, Inc.
9. David Cary, Feb. 15
10. **Verified Voting Foundation** (http://verifiedvoting.org), Feb 16
    Pamela Smith, President, Verified Voting Foundation
11. **National Election Defense Coalition** (http://www.electiondefense.org), Feb. 16
    Ben Ptashnik, Executive Director, National Election Defense Coalition
12. Alec Bash, Feb. 18
13. **FairVote (**http://www.fairvote.org), Feb. 25
    Rob Richie, Executive Director, FairVote
14. **California Common Cause** (http://www.commoncause.org), Mar. 2
    Nicolas Heidorn, Policy and Legislative Counsel, California Common Cause
15. Chandra Friese, Mar. 8
16. **Voting Rights Task Force** (http://CountedAsCast.com/alameda/vrtf.php), Mar. 8
    Jim Soper, Co-chair, Voting Rights Task Force
17. **Electronic Frontier Foundation (EFF)** (https://www.eff.org), Mar. 16
    Jacob Hoffman-Andrews, Senior Staff Technologist

Thank you,

Chris Jerdonek

SF Dominion Voting System Costs

Year	Hardware*	Software**	Other	Election Services	Yearly Total	Total (cumulative)	Years	Yearly Total (cumulative)	Notes
Initial	$6,528,933.25	$1,400,000.00	$1,708,000.00		$9,636,933.25				
2008***	$0.00	$0.00		$994,800.00	$994,800.00	$10,631,733.25	1	$10,631,733.25	
2009	$203,800.00	$182,500.00		$497,400.00	$883,700.00	$11,515,433.25	2	$5,757,716.63	
2010	$203,800.00	$182,500.00		$994,800.00	$1,381,100.00	$12,896,533.25	3	$4,298,844.42	
2011	$203,800.00	$182,500.00		$497,400.00	$883,700.00	$13,780,233.25	4	$3,445,058.31	End of initial four-year contract.
2012	$203,800.00	$182,500.00		$994,800.00	$1,381,100.00	$15,161,333.25	5	$3,032,266.65	
2013	$203,800.00	$182,500.00		$497,400.00	$883,700.00	$16,045,033.25	6	$2,674,172.21	End of initial contract after exercising two-year extension.
2014	$203,800.00	$182,500.00		$994,800.00	$1,381,100.00	$17,426,133.25	7	$2,489,447.61	
2015	$203,800.00	$182,500.00		$497,400.00	$883,700.00	$18,309,833.25	8	$2,288,729.16	
2016	$203,800.00	$182,500.00		$994,800.00	$1,381,100.00	$19,690,933.25	9	$2,187,881.47	
Total	$8,159,333.25	$2,860,000.00	$1,708,000.00	$6,963,600.00	$19,690,933.25				

Notes:

The initial contract was four years with options to renew two additional years.
*The per-year hardware costs (i.e. after the "initial") are for hardware maintenance (i.e. parts and repairs).
**The per-year software costs (i.e. after the "initial") are the software license fees.
***The hardware maintenance and software license fees for 2008 were included in the initial cost.
The numbers above are not adjusted for inflation to be in "today's dollars."

Source:

The numbers in this spreadsheet for 2008 to 2011 come from the following document provided to me by Director Arntz: City and County of San Francisco, Office of Contract Administration, Purchasing Division, First Amendment ("San Francisco Purchase Agreement First Amendment 01/18/08"). The numbers for 2012 to 2016 come from SF LAFCo's draft "Study on Open Source Voting Systems," dated May 13, 2015.

	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec
2016							Start Planning & Assessment Phase. Start hiring process for Project Director.		Hire Project Director. Start work on system architecture and RFPs.	Form citizen advisory body.		
2017			Start issuing RFP(s) for development of system components.	Finish Planning & Assessment Phase.	Start Development & Certification Phase. / Start development of first components from RFPs.							
2018	Start state and federal certification for some components.		Start integration testing. / Finish initial development of first components. Start integration development.								Nov 2018 election: start piloting some components in select precincts?	Finish initial development of all components.
2019							Finish Development & Certification Phase. / Finish integration development for all components. / Finish state and federal certification for all components.	Project Director continues to assist with pilot.			Nov 2019 election: pilot some or all components.	Project Director position ends, with option to continue to assist with full deployment.
2020					June 2020 election						Nov 2020 election	
2021												