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Thank you.

From: Raphael Chirolla <chirolla@dwsd.org>
Date: Tuesday, December 11, 2012 9:42 AM
To: Bart Foster <bfoster@fostergroupllc.com>
Subject: Fwd: Indefinite-scope, Indefinite-delivery Contract Number 00383: City of Flint Water Supply Assessment

From: "David Guastella" <DGuastel@tyjt.com>
To: "Raphael Chirolla" <chirolla@dwsd.org>
Cc: latimer@dwsd.org, mccormick@dwsd.org, "George Karmo" <GKarmo@tyjt.com>, "Awni Qaqish" <aaqash@tyjt.com>, "John Cubba" <CUBBAJOHN@GMAIL.COM>
Sent: Tuesday, December 11, 2012 9:03:46 AM
Subject: RE: Indefinite-scope, Indefinite-delivery Contract Number 00383: City of Flint Water Supply Assessment

Raphael

Per our conversation please run the following two scenarios for supplying only Flint from Potter/Baxter and from Imlay. The first assumes that DWSD will provide 2/3 rds of the average and maximum day demands, while the second option assumes that the Flint WTP will supply anything above the average day demand requirements.

1. Annual Volume: 390,374 MCF (8 MGD Average Day Demand)
Maximum Day: 12 MGD
Peak Hour: 12 MGD
2. Annual Volume: 390,374 MCF (8 MGD Average Day Demand)
Maximum Day: 8 MGD
Peak Hour: 8 MGD

Let me know if you have any questions.

Dave

From: Raphael Chirolla [<mailto:chirolla@dwsd.org>]
Sent: Tuesday, December 11, 2012 8:45 AM
To: David Guastella
Cc: latimer@dwsd.org; mccormick@dwsd.org; George Karmo; Awni Qaqish; John Cubba
Subject: Re: Indefinite-scope, Indefinite-delivery Contract Number 00383: City of Flint Water Supply Assessment

Shown below are the fiscal year volumes requested in 4 (1 through 3 will follow):

Water Volume 10 Year History		
WATER_DISTRICT	YEAR	SumOfVOLUME
Flint	2003	1636751

Water Volume 10 Year History		
WATER_DISTRICT	YEAR	SumOfVOLUME
Flint	2004	1522280.1
Flint	2005	1524720.5
Flint	2006	1494296.6
Flint	2007	1449577.6
Flint	2008	1437360.6
Flint	2009	1369646.1
Flint	2010	1194396.1
Flint	2011	1310873
Flint	2012	1192686.8

SOCWA added Bloomfield Hills to their service area in 2010 and Bloomfield Township in 2012.

Water Volume 10 Year History		
WATER_DISTRICT	YEAR	SumOfVOLUME
Southeastern Oakland County Water Authority	2003	1482551.5
Southeastern Oakland County Water Authority	2004	1334995.7
Southeastern Oakland County Water Authority	2005	1333539.4
Southeastern Oakland County Water Authority	2006	1297214.8
Southeastern Oakland County Water Authority	2007	1275240.7
Southeastern Oakland County Water Authority	2008	1245255.5
Southeastern Oakland County Water Authority	2009	1133789.8
Southeastern Oakland County Water Authority	2010	1148863.2
Southeastern Oakland County Water Authority	2011	1177239.1
Southeastern Oakland County Water Authority	2012	1496550.2

Water Volume 10 Year History		
WATER_DISTRICT	YEAR	SumOfVOLUME
Ypsilanti Communities Utilities Authority	2003	713830.4
Ypsilanti Communities Utilities Authority	2004	668886.6
Ypsilanti Communities Utilities Authority	2005	685447.3
Ypsilanti Communities Utilities Authority	2006	659786.7
Ypsilanti Communities Utilities Authority	2007	637748.2
Ypsilanti Communities Utilities Authority	2008	628582.6
Ypsilanti Communities Utilities Authority	2009	593256.6
Ypsilanti Communities Utilities Authority	2010	547256.9
Ypsilanti Communities Utilities Authority	2011	514036.1
Ypsilanti Communities Utilities Authority	2012	530966

From: "David Guastella" <DGuastel@tyjt.com>

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Sent: Thursday, December 6, 2012 2:48:21 PM

Subject: Indefinite-scope, Indefinite-delivery Contract Number 00383: City of Flint Water Supply Assessment