Debt Management Policy

Introduction

The County of Orange Debt Management Policy provides guidance for the issuance of bonds and other forms of indebtedness to finance capital improvements, equipment acquisition, improve cashflow, and meet other identified needs.

The Debt Management Policy is intended to guide the County of Orange to:

- Maintain long-term financial stability by ensuring that its long-term financing commitments are affordable and do not create undue risk or burden
- Provide guiding principles for the use of debt as one source of financing to provide the proper funding for infrastructure needs identified in the Capital Improvements section of the Strategic Financial Plan and the annual budget
- Achieve and maintain high credit ratings
- Minimize debt service interest expense and issuance costs
- Provide accurate and timely financial disclosure and reporting
- Comply with applicable State and Federal laws and financing covenants

The Debt Management Policy is intended to improve the quality of decisions, provide guidance for the structure of debt issuance, and demonstrate a commitment to long-term financial planning. Adoption and adherence to a debt management policy is one factor by which rating agencies assess financial management practices. This policy governs all debt issued by the County of Orange (County), including bonds and other securities issued through any joint powers authority where the Board of Supervisors (BOS) acts as the legislative body.

The County is committed to fiscal responsibility and sustainability, as demonstrated by its Strategic Financial Plan, annual budget development and administration, maintenance of appropriate reserve levels, accurate and timely financial reporting, and management of debt and other long-term liabilities. As repeatedly stated in the Strategic Financial Plan, the County is dedicated to long-term strategic financial planning to ensure its ability to respond to economic fluctuations and unanticipated events in a manner that allows the County to maintain the quality and range of services provided to the community. This policy is intended to help ensure that, in managing its debt and other long-term liabilities, the County is able to meet these planning goals and objectives.

The County Executive Office (CEO), through the County Finance Office/Public Finance, is responsible for County debt management, including debt issuance, administration of proceeds, timely debt service payments, financial reporting, and continuing compliance with disclosure and other post-issuance obligations with exception of enterprise funds that are responsible for post-issuance administration and compliance.

Acceptable Uses of Debt

The County will consider financing for the acquisition, substantial refurbishment, replacement or expansion of major physical assets that would be unreasonable to cash finance from current revenues. Debt financing may also be appropriate for certain other extraordinary expenditures and for managing cashflows over a period of time.

The primary purpose of County debt is to finance one of the following:

1. Acquisition of a capital asset with a useful life of five or more years
2. Construction or reconstruction of a facility or other public improvement
3. Refunding, refinancing, or restructuring debt and similar obligations, subject to refunding objectives and parameters
4. The costs associated with a debt-financed project, including project planning, design, engineering and other preconstruction efforts; project-associated furniture, fixtures and equipment; and the costs of the financing itself, including capitalized interest, a debt service reserve, underwriter's discount and other costs of issuance
5. Interim or cashflow financing to better match revenues and expenditures, such as tax and revenue anticipation notes, or to provide temporary financing pending a more permanent financing plan
6. Prepaying a portion of the annual pension contribution to Orange County Employees Retirement System (OCERS) to receive an early payment discount that exceeds the cost of the borrowing
7. Paying for an extraordinary expense such as financing a major judgment or loss exceeding insurance

Prohibited Uses of Debt

The County will not use debt to defer obligations in a way that unduly burdens future taxpayers, rate payers or residents.

Types of Financing Instruments

Many different types of financing instruments are available to the County, the use of which will depend on the source of repayment and the use of proceeds. Some of these instruments are used to finance County projects, while others are used to provide tax-exempt financing to projects that are primarily for third parties where public benefit can be achieved while minimizing public risk. The following are the types of debt the County is most likely to issue.

Direct Debt Obligations

The following are considered "direct debt" obligations by rating agencies and other market participants, meaning that the debt is serviced out of tax or other general revenues.

1. General Obligation Bonds

   General Obligation (GO) Bonds need approval of 2/3 of those voting in an election as required by California State Constitution Article 16. GO bonds are secured by the levy of additional ad valorem property taxes to pay debt service. Uses of bond proceeds are limited to the acquisition and improvement of real property and costs of issuance.

2. Lease Revenue Bonds or Certificates of Participation

   Lease Revenue Bonds (LRBs) and lease-backed Certificates of Participation (COPs) are debt obligations serviced by a lease payment from the County's general fund. California courts have determined that such long-term contracts do not require voter-approval under California law (and therefore, are not "indebtedness" under the State Constitutional Debt Limit) as long as the lease meets certain conditions. These financings are typically secured by a lease-back agreement between the County and another public entity (e.g., South Orange County Public Financing Authority).

   To qualify as a valid lease, payments are due only to the extent that the County has use and occupancy of the leased property. The judicial decisions that define a valid lease financing effectively require that the fair rental of the leased property be equal to or greater than the lease payment that secures debt service. The governmental lessee is obligated to appropriate in the Annual Budget the rental

payments that are due and payable during each fiscal, and to secure insurance to ensure that the property stays available for use.

Because it is paid from the General Fund and does not require voter approval, lease financing is the most common form of financing used by counties. Therefore, establishing thresholds for the appropriate levels for this form of "debt" is one of the critical goals of a debt policy. There are few external guidelines for the right amount of lease debt. Agencies that set limits on "affordability" have established limits from 4% to 10% of General Fund expenditures or revenues (referred to as "lease burden").

Rather than establish a specific limit on lease-backed debt in this Debt Management Policy, the appropriate level of General Fund appropriation debt should be considered in the development of the County's Annual Strategic Financial Plan and Annual Budget process.

Revenue and other Special Fund Obligations

Debt secured by the County's enterprise funds and certain other special funds can also be issued without voter approval. These obligations are payable solely from the dedicated revenues, and do not have recourse to ad valorem taxes or general fund revenues of the County.

- Revenue Bonds and Certificates of Participation

  Revenue Bonds are obligations payable from revenue generated by an enterprise fund. These obligations can be in the form of revenue bonds issued under an indenture, or Certificates of Participation secured by an installment sale agreement. Two County enterprise funds that have supported revenue debt in the past are John Wayne Airport and Orange County Waste and Recycling.

  In accordance with the agreed upon bond covenants, the revenues generated by these enterprise funds must be sufficient so that net revenues, after the payment of operating expenses, are greater than debt service so as to maintain required coverage levels. The revenue bond issuer covenants to revise the rates, fees and charges of the enterprise to maintain the required net revenue coverages.

In determining whether to issue revenue bonds, the County should consider similar principles that it would for the incurrence of other governmental debt: the extent it is more appropriate to spend the cost of capital improvements over time, without unduly increasing the capital costs, rather than pay for them out of current revenues. Other factors include the County's ability to maintain the rate covenants that will be required by the bond market.

Interim Financing

The County may consider the use of various debt instruments to better match short-term revenues and expenditures.

1. Tax and Revenue Anticipation Notes

   Tax and Revenue Anticipation Notes (TRANs) are short-term notes payable out of current year revenues, proceeds of which allow a municipality to cover the periods of cash shortfall resulting from a mismatch between timing of revenues and timing of expenditures.

   The County may issue TRANs if necessary to meet General Fund cashflow needs in the upcoming fiscal year, which consist primarily of salaries and benefits, in anticipation of the receipt of property taxes and other revenues later in the fiscal year. The cashflow needs are determined by projections prepared by Auditor-Controller and CEO. As property tax payments and other revenues are received, they are used in part to repay the TRANs.

2. Prepayment of Annual Employer Pension Contribution

   The County may receive notification from OCERS that the Board of Retirement approved a discount in the amount due if paid early. Typically, the payment must be received by mid-January to fund the next fiscal year's annual employer contribution to OCERS. The County prepares an analysis, to determine the budget savings achieved from the OCERS discount, to evaluate whether to recommend financing the prepayment. While these borrowings are essentially a cashflow financing such as TRANs, they are structured as a short-term pension obligation bond to allow the obligation to extend beyond the fiscal year in which it is issued.

3. Teeter Financing

   Under the alternative method of allocating taxes commonly referred to as the "Teeter Plan," a county can advance property taxes to its taxing jurisdictions whether or not they are received, in exchange for retaining the penalties and interest received from late payments. These advances can be financed with funds of the County or by an external borrowing. For a number of years, the County has issued commercial paper to finance these advances (Teeter Program). Commercial paper (CP) is an obligation maturing in less than 270 days that is secured by a letter of credit. Maturing CP is typically refinanced with a subsequent CP issue until a permanent financing source is in place or the debt can otherwise be retired. Since 2013, the Teeter Program has been financed by a revolving line of credit from a commercial bank.

4. Interfund Borrowing

   In lieu of issuing bonds or otherwise borrowing from third-parties, there will be situations where the most appropriate means is to temporarily transfer money from a County fund. Annually, in the final budget adoption, the BOS authorizes those funds which can provide temporary transfers. The BOS establishes the appropriate term and interest rate of each Interfund loan by resolution. The interest rate will be the amount that would have been earned by the lending fund from the County's investment pool.

Conduit Financings

Conduit financings are sponsored by the County to allow third-parties to access tax-exempt interest rates. These financings are not secured by regular County revenues.

1. Community Facilities and Assessment Districts

   Community Facilities Districts (CFD) and 1913/1915 Act Assessment Districts (AD) are typically developer initiated, whereby the developer seeks a public financing mechanism to fund public infrastructure. Special taxes or assessments may be levied upon properties within a district to pay for facilities. The conditions for the County's approval of these financings are contained in a separate set of policies. Further information on formation of CFDs and ADs is available in the Orange County Public Finance Program Policy Statement and Application Information

Package as amended September 12, 2000 and as amended May 18, 2004. This policy is posted on the County's website.

2. Multi-Family Housing Revenue Bonds

Multi-Family Housing Revenue Bonds are issued to finance construction or rehabilitation of multi-family housing projects providing tax exempt financings for developers willing to set aside a portion of the units in the project as affordable housing. The County, as well as State agencies and joint powers authorities, may sponsor this type of conduit financing for those activities that have a general public purpose.

3. Public-Private Partnership (P3)

A P3 is a partnership between a public sector entity and a private sector entity to develop, design, construct, and finance a public facility. It can involve alternate approaches to both project procurement and its financing. In some cases, the private entity is a not-for-profit entity, with the financing structured to allow for the issuance of tax-exempt bonds to provide the lowest cost funding.

While the financing costs of a P3 can at times be higher than a direct County borrowing, there can still be offsetting benefits to a P3, such as transferring design and construction risks. The County shall perform an analysis to determine the benefits of this type of project procurement and alternate financing versus the County issuing the debt directly.

Debt Structure

The following are some general principles that will govern the structuring of County debt issues from time to time.

1. Term of Debt

In general, debt will be structured to distribute the payments for the asset over its useful life so that benefits closely match costs for current and future residents. Notwithstanding this policy goal, the early payment of principal (referred to as the "rapidity of debt repayment") is considered a credit strength by the rating agencies, as it creates future debt capacity. The County will consider such accelerated

retirement when there is the capacity to accommodate such payments. Debt should not exceed the useful life of the improvement that it finances.

2. Debt Service Structure

To the extent practical, bonds will be amortized on a level repayment schedule. Alternate schedules can be considered when appropriate. For example, escalating debt service may be considered if it better matches forecasted available revenues; any such escalation of debt service should be modest, to provide a margin of safety if revenue growth should underperform expectations. Deferral of the amortization of principal can be considered in order to wrap outstanding debt and create total level debt service. Extreme deferral of debt service (such as with capital appreciation bonds, which defer both interest and principal) should be avoided.

3. Optional Prepayment

Long-term debt will, in most cases, contain an optional call provision to allow for the refunding of debt at lower interest rates in the future. A ten-year call option is most common for tax-exempt bonds. In considering the terms of the call, the County will evaluate any additional interest cost demanded by investors with the potential future benefits of the option.

4. Capitalized Interest

Use of capitalized interest (where interest in the early years is funded through the sale of additional bonds) should be minimized where possible. Interest may be capitalized for the construction period of a revenue producing project so that debt service expense does not begin until the project is expected to be operational and generating revenue. State law requires that interest be capitalized when a lease financing is secured by the project being constructed with the proceeds, so that no payment is due until the County has use and occupancy. When possible, the County will secure its lease financing with existing County facilities to avoid issuing additional bonds for capitalized interest; this structure is referred to as an “asset transfer.”

5. Debt Service Reserve Fund

Debt service reserve funds are held by and are available to the bond trustee to make principal and interest payments to bondholders in the event that pledged revenues are insufficient to do so.

The maximum size of the reserve fund for a tax-exempt bond issue is governed by tax law, which permits the lesser of: 1) 10% of par; 2) 125% of average annual debt service; or 3) 100% of maximum annual debt service. The County may issue bonds with a debt service reserve fund that is sized at a lower level or without a reserve fund if economically advantageous and recommended by the finance team.

The reserve fund requirement may also be satisfied by a surety policy, a form of insurance provided by a bond insurer to satisfy a reserve fund requirement for a bond issuance. Under this arrangement, instead of depositing cash in a reserve fund, the issuer buys a surety policy by paying a one-time premium equal to a percentage of the face value of the policy. The County may use a surety policy instead of a debt service reserve when an analysis indicates that net cost to the County will be lower, taking into account the potential cost of replacing the surety at the time of any future refunding.

6. Credit Enhancement

Credit enhancement may be used to improve a credit rating on a County debt issuance. The most common form of credit enhancement is bond insurance, which will be considered when the cost of insurance is offset, on a present value basis, to the savings in debt service through the first optional call date of the bonds. Because of the County's high bond ratings, bond insurance will not be cost effective for most of the County's debt in the current market. The benefit of a credit enhancement will be evaluated for each bond issuance.

7. Variable Rate Debt

To maintain a predictable debt service burden, the County will give preference to debt that carries a fixed interest rate. An alternative to the use of fixed rate debt is variable rate debt. It may be appropriate to issue long-term variable rate debt to diversify the County's debt portfolio, reduce interest costs, provide interim funding

for capital projects or improve the match of the County's assets (such as cash in the Treasury invested in shorter-term securities) to debt liabilities.

8. Use of Derivatives

   The County will not use interest rate swaps in connection with variable rate debt to create synthetic fixed-rate debt.

Method of Sale

Debt issues can be sold through a public offering through either a competitive sale or a negotiated sale. In a competitive sale, bid parameters are established in the notice of sale or notice inviting bids. Bids are received from various underwriters at a given time, and the bonds awarded to the bid producing the lowest true interest cost (the interest rate that discounts debt service to the net amount of proceeds received after accounting for underwriter's discount). In a negotiated sale, the County selects the underwriter in advance through a request for proposal process, and the interest rate is set based on the orders received from investors during the pricing period. While there are advantages to both methods of sale, most municipal bonds are currently sold on a negotiated basis, which has been the County's primary practice.

On occasion, the County may choose to privately place a financing with a bank, rather than borrowing through a public offering sold to multiple investors. Such financings can be more cost effective for smaller transactions, or for financings such as commercial paper that would otherwise require an alternative bank facility such as a letter of credit.

The Public Finance Director will recommend the appropriate method of sale based on the specific offering and market conditions, seeking advice from the County's municipal advisor.

Refunding of Indebtedness

Most municipal bonds can be pre-paid prior to their maturity by the exercise of an optional call. As a result, sometimes bond issues can be refunded for savings. The following are the two types of refundings.

- Current Refunding - The refunding bonds are issued less than 90 days before the date upon which the refunded bonds will be redeemed.

- Advance Refunding - The refunding bonds are issued more than 90 days prior to the date upon which the refunded bonds will be redeemed, and the refunding bond proceeds placed in an escrow that is sufficient to pay interest and principal until the call date. Municipal bonds may only be advanced refunded once over the life of a bond issuance.

The County will regularly review its outstanding debt portfolio to identify opportunities to achieve net economic benefits from refunding its bonds. Recognizing that the County's ability to refund its debt is limited (i.e., federal tax law constraints on advance refundings and the market practice of making most fixed-rate bond issues non-callable for their first ten years), the County will seek to deploy its refunding options prudently. At a minimum, the County will seek to achieve net present value ("NPV") savings equal to at least three percent (3%) of the par amount of the bonds that are refunded. For advance refundings, the threshold goal will be five percent (5%) NPV savings. A second limiting factor on advance refundings will be that negative arbitrage (the amount of additional funds that need to be deposited into an escrow to make up for interest earnings being less than the interest on the defeased bonds) will be no greater than half the amount of the NPV savings. The present value savings will be net of all costs of the refinancing, and will consider the difference in interest earnings of the debt service reserve funds of the refunded and refunding bonds.

These savings requirements may be waived by the BOS upon a finding that a refunding producing lower savings is in the County's best financial interest; for example, by restructuring debt service or eliminating burdensome covenants.

Debt Management Practices

The Public Finance Director shall be responsible for ensuring the County's debt is administered in accordance with the terms of the governing bond documents, federal and state law and regulations, and the best industry practices.

1. Arbitrage

   Arbitrage is the profit made by issuing bonds bearing interest at tax-exempt rates, and investing the proceeds at materially higher taxable yields. The Internal Revenue Code limits the opportunity for borrowers to retain such investment profits; in most cases, the borrower must calculate such profits and rebate them to Internal Revenue Service every five years.

Public Finance shall maintain a system of recordkeeping to meet the arbitrage compliance requirements. The County will retain an arbitrage rebate consultant to assist in calculating any earnings on bond proceeds in excess of the rate on its bonds, and to calculate whether arbitrage should be rebated to the Federal Government. The Public Finance Director and/or staff shall ensure the calculation and payment are made in a timely manner.

2. Administration of Bond Proceeds

Bond proceeds are administered in the CEO/Public Finance division to provide segregation of duties between the County administrative function responsible for disbursing bond proceeds and the County department or entity expensing the proceeds. Bond documents contained in the official bond transcripts govern the use of bond proceeds, as well as debt service payment terms and other legal covenants, and are maintained and accessible in the CEO/Public Finance division.

Public Finance Accounting, an Auditor-Controller department satellite unit located within the CEO/Public Finance division, is responsible to ensure bond proceed receipts are recorded in the County's accounting records, and confirm accounts established at the trustee and deposit of bond proceeds reconcile with controlling bond documents. Public Finance Accounting monitors accounts at the trustee, records expenditure activity, and reconciles trustee statements to County accounting records monthly.

Drawdown and use of bond proceeds are initiated by the project manager representing the County department or entity expensing the proceeds for eligible purposes. The requisition or drawdown request will contain invoices and other back-up documentation to validate the eligible expenses. Each requisition or drawdown request is reviewed by Public Finance Accounting staff and management and a Public Finance program analyst before final approval and authority to disburse from the Public Finance Director, and then forwarded to the trustee.

3. Investment of Bond Proceeds

Investment of bond proceeds shall be consistent with federal tax requirements and requirements contained in the governing bond documents. If applicable, all future

permitted investments shall be reviewed by the County's Treasurer to ensure compliance with the Orange County Treasurer Investment Policy Statement.

4. Continuing Disclosure

   The County is committed to primary and secondary market disclosure practice. To remain in compliance with Security and Exchange Commission Rule 15C2-12, required information shall be submitted as stated in each bond financings' continuing disclosure certificate.

   The County shall maintain a log or file evidencing that all continuing disclosure filings have been made promptly. Continuing disclosure procedures are maintained in Public Finance and will be updated as needed.

5. Disclosure on County's Website

   All disclosure reports, County credit ratings and the debt program are posted on the County's website. The website shall be updated as needed.

6. Compliance with Other Bond Covenants

   The County is responsible for verifying compliance with all covenants and agreements of each bond issuance on an ongoing basis. This typically includes ensuring:

   - Annual appropriations to meet debt service payments
   - Taxes/fees are levied and collected where applicable
   - Timely transfer of debt service/rental payments to the trustee or paying agent
   - Compliance with insurance requirements
   - Compliance with rate covenants where applicable
   - Recordkeeping and continued public use of financed asset
   - Compliance with tax covenants including the timely spend-down of project fund proceeds
   - Compliance with all other bond covenants

Rating Agency Relations and Annual or Ongoing Surveillance

The County seeks to maintain the highest possible credit ratings that can be achieved for debt instruments without compromising the County's policy objectives. Ratings are a reflection of the general fiscal soundness of the County.

The Public Finance Director shall be responsible for maintaining the County's relationship with S & P Global Ratings, Fitch Ratings, Moody's Investors Service and any other rating agency, including communicating with credit analysts at each agency and providing any requested information as deemed appropriate.

The Public Finance Director shall report feedback from rating agencies to the Chief Financial Officer and BOS, when and if available, regarding the County's financial strengths and weaknesses and recommendations for addressing any weaknesses as they pertain to maintaining the County's existing credit ratings.

Prior to each proposed new debt issuance, the Public Finance Director shall determine the number of rating agencies to provide a credit rating based upon the recommendations of the finance team. Meetings and/or conference calls with agency analysts shall be conducted to provide a thorough update on the County's financial position, including the impacts of the proposed debt issuance.

Financing Professionals

Process and Selection of Professionals

Once a financing need is identified, Public Finance will work with the appropriate County departments to recommend a finance team, debt structure, and debt service term to the Public Financing Advisory Committee (PFAC) and the BOS for consideration.

PFAC is responsible for reviewing all proposed County financings and financing professionals recommended by Public Finance. PFAC will approve, modify, or deny the proposed recommendation. The BOS will ratify or disapprove the selection made by PFAC. Further information on PFAC is included in the Third Amended and Restated County of Orange Board of Supervisors Policies and Procedures approved by the BOS on May 19, 2009 and posted on the County's website.

The Board of Supervisors shall be responsible for the selection of Financing Professionals engaged to assist in a public financing. Financial Professionals shall include Municipal

Advisor(s), Underwriters, Bond Counsel, Disclosure Counsel, and any other paid professional utilized in connection with a proposed financing. The procurement of financial professionals shall be conducted according to procedures delineated in the County's Contract Policy Manual.

Selection and Compensation

The Public Finance Director shall be responsible for establishing a solicitation and selection process for securing professional services that are required to develop and implement a debt issuance.

The identification of municipal advisor, underwriter, bond counsel and disclosure counsel shall be done through a Request for Qualifications (RFQ) process to create a pool of professionals in each of the stated categories. For each new financing, a Request for Proposal (RFP) shall be completed for municipal advisor, underwriter, bond counsel and disclosure counsel, as appropriate. The RFQ and RFP shall be in accordance with the County Procurement rules. The selection of the professional from each category and financing shall be first approved by PFAC and then ratified by the BOS.

If a sole source selection of a financial professional or consultant is recommended, Public Finance will follow sole source selection procedures as outlined in the County's Contract Policy Manual.

Compensation for the financing professionals is typically paid from the bond proceeds cost of issuance account.

1. Municipal Advisor (previously known as Financial Advisor)

   The primary responsibilities of the Municipal Advisor are to provide independent analysis of the proposed financing to the County. Their responsibilities also include but are not limited to, working with underwriters and other finance team members to formulate a general financing plan for the issuance of bonds, assisting in the financing schedule, transaction structuring, and pricing of bonds. The Municipal Advisor shall also provide pricing comparables and market conditions advice.

2. Bond Counsel

   The County will retain external Bond Counsel for all debt issuance. Bond Counsel will prepare the necessary authorizing resolutions, ordinances, agreements, and other legal documents necessary to execute the financing.

3. Disclosure Counsel

   The County will retain Disclosure Counsel for all public issuances that entail disclosure of County finances and financial status. Disclosure Counsel will advise on issuer disclosure obligation, federal securities laws and proper disclosure practices, and due diligence process.

   The Public Finance Director may recommend separate firms in the capacity of Bond and Disclosure Counsel or a single firm to perform bond and disclosure counsel functions based on anticipated complexity of the financing.

4. Underwriter

   An Underwriter is a firm that administers the public issuance and distribution of the bond issuance. Underwriter services may include assisting in securing credit and meetings with principal retail/institutional investors. When undertaking a negotiated sale, the County will select an Underwriter through the solicitation process described previously.

5. Other Service Providers

   Other professionals may be selected, at the discretion of the Public Finance Director, on an as-needed basis. These include, but are not limited to, the services of trustee, credit rating agencies, escrow agents, bond insurance providers, credit and liquidity banks, verification agents, title insurance companies, and document printing services.

Conclusion

This Policy is intended to guide and regulate the County's issuance of debt. The County is aware, however, the financial environment and best practices may change. This policy will be reviewed annually during the Strategic Financial Plan process and any necessary updates will be presented to the BOS for consideration.