

Mortgage Revenue Bonds 101

January 16, 2019



A Borrower's decision to issue bonds, includes:

- Borrowing amount
- Transaction costs
- Timing issues
- Market rates
- Bond Proceeds are used for <u>new money</u> and/or <u>refunding</u> purposes

Traditional Mortgage Revenue Bond Issue

What Are Bond Proceeds Used For?

Use of Bond Proceeds



Sources of Funds

- Bond proceeds
- Issuer contributions

Uses of Funds

- Purchase new loans (including DPA loans)
- · Refunding outstanding bond
- Cost of issuance



Types of Bonds

- Fixed rate
 - -Serials
 - -Terms
- -PACs
- Variable rate
 - -Variable Rate Demand Bonds ("VRDB")
 - -Floating Rate Notes ("FRN")

Structuring Assumptions

- Underlying mortgages pay principal and interest monthly
- Bond debt service paid semi-annually
- Issuer retains significant flexibility with the application of mortgage prepayments which may be used to call bonds at par

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Traditional Mortgage Revenue Bond Issue

Purpose



• Security for the Bonds - Parity Bond Indenture

- ✓ Special limited revenue obligation secured by parity Bond Resolution
- ✓ The Bonds are secured equally and ratably by the pledges and covenants contained in the Indenture, including the pledge of scheduled amortization payments and certain other charges on Mortgage Loans acquired with Bond proceeds and Recoveries of Principal, and monies and securities in the funds and accounts established by the Bond Resolution (e.g. debt service reserve funds)
- Ratings Based on Indenture
- Redemption Features Par Call
 - ✓ Sinking Fund
 - ✓ 10 year Optional Call
 - ✓ Unexpended Proceeds
 - ✓ Prepayments (<u>In</u> Series and <u>Out</u> of Series)
 - ✓ Excess Revenues



Reasons for Mortgage Prepayments:

- Sale of Home
- Refinancing
- Default

Housing Bond Issuance: Ongoing Flow of Funds





Financing Team Members

Financing Team Members





Overview of the Financing Process

Example of Typical Transaction Timeline





Primary Document by Typical Preparer

Summary Description of Legal Documentation

Bond Counsel

- Bond Resolution / Indenture
- Series Resolution / Supplement Indenture
- Arbitrage Certificate
- Issue Price Certificate

Underwriter's Counsel

- Preliminary Official Statement
- Official Statement
- Bond Purchase Agreement
- Blue Sky Memorandum
- Agreement Among Underwriters
- Selling Group Agreement

Miscellaneous

- Legal Opinions 10(b)(5)
- -Bond Counsel
- -Underwriter's Counsel
- -Trustee's Counsel
- Cross Receipts for Bond Proceeds
- Rating Letters
- Form of Bonds (Specimen)
- Comfort Letter
- Liquidity Agreement (if applicable)
- Remarketing Agreement (if applicable)



What is Underwriting?

Bond Issuance: Initial Sale

Intermediation of Risk Between Issuer and Investor





Housing Bonds Investors

Buyers Across the Yield Curve

Expected Investor Types by Maturity

Hypothetical Yield Curve (For Illustrative Purposes Only) %



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1. Buyers of bonds maturing in thirteen months or less

2. Non-traditional tax-exempt buyers

Notes



New Money Single Family Issuance on the Rise

Annual Single Family Issuance





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