









#### Price Defined

- Price
  - General Business The amount a willing buyer pays a seller for the delivery of a product or service
  - ASPM A fair and reasonable price is one that is fair to both parties to the contract, considering the quality and timeliness of contract performance
  - FAR 15.401 cost plus any fee or profit applicable to the contract type
- Contract pricing is the function that gathers, assimilates, evaluates and, in establishing objectives, brings to bear all the skills and techniques needed to shape the eventual pricing arrangement.
- Pricing services include price analysis, cost analysis and the use of accounting and technical evaluations and systems analysis techniques to facilitate negotiation of realistic pricing arrangements.



## **Pricing Perspectives**

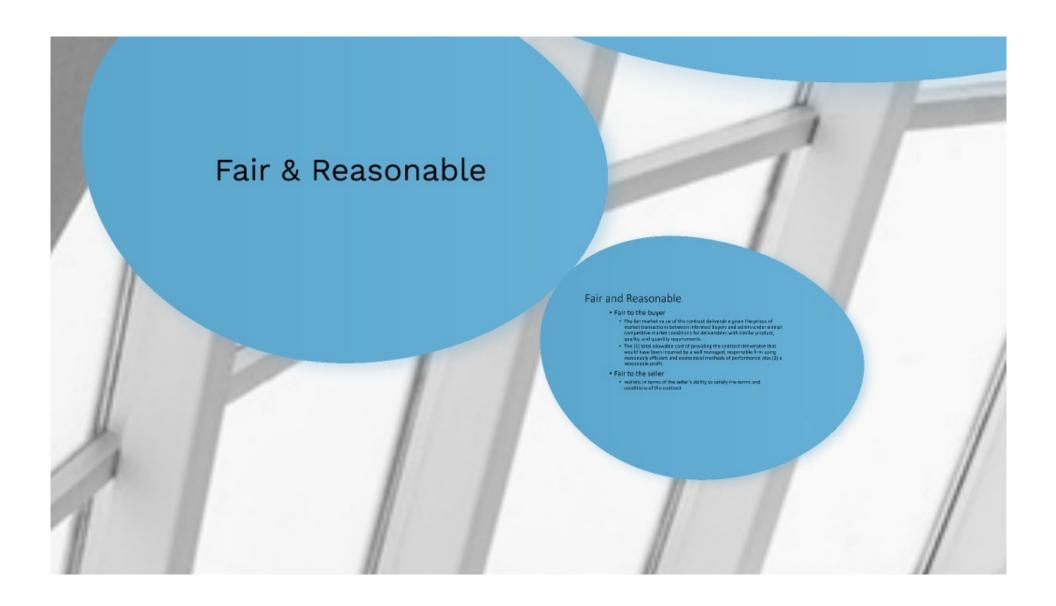
- Buyers and sellers look at the same price from different perspectives. Each party to a sales transaction has unique pricing objectives.
  - Sellers in different markets often have different approaches to contract pricing.
  - Different sellers in the same market may have different pricing objectives and approaches.
  - A single firm may have different objectives and approaches in different contracting situations.

# **Pricing Objectives**

- To cover costs
- To contribute to corporate operational objectives:
  - Short term/long term profitability
  - · Market share
  - · Long term survival
  - Product quality
  - Technological leadership
  - · High productivity

# Approaches to Pricing

- In pricing Sellers commonly use one of two approaches to price products
  - Market-based Pricing
  - Cost-based Pricing



## Fair and Reasonable

#### · Fair to the buyer

- The fair market value of the contract deliverable given the prices of market transactions between informed buyers and sellers under similar competitive market conditions for deliverables with similar product, quality, and quantity requirements.
- The (1) total allowable cost of providing the contract deliverable that would have been incurred by a well managed, responsible firm using reasonably efficient and economical methods of performance plus (2) a reasonable profit.

#### · Fair to the seller

 realistic in terms of the seller's ability to satisfy the terms and conditions of the contract



## **Price Analysis Considerations**

- Definition of Price Analysis. Price analysis is the process of examining and evaluating a proposed price to determine if it is fair and reasonable, without evaluating its separate cost elements and proposed profit. Price analysis may be, when necessary, supplemented by evaluation of cost elements.
- Price analysis must be performed for ALL procurement to ensure that the overall price is fair and reasonable.

## Basis for Price Analysis

Price analysis always involves some form of comparison with other prices such as:

- · Proposed prices received in response to the solicitation;
- Commercial prices including competitive published price lists, published commodity market prices, similar indexes, and discount or rebate arrangements;
- Previously-proposed prices and contract prices for the same or similar end items, if you can establish both the validity of the comparison and the reasonableness of the proposed price;
- · Parametric estimates or estimates developed using rough yardsticks;
- · Independent Government Estimates; or
- · Prices obtained through market research for the same or similar items



# **Cost Analysis Considerations**

- Definition of Cost Analysis. Cost analysis is the review and evaluation of the separate cost elements and proposed profit/fee of:
  - An offeror's or contractor's cost or pricing data or information other than cost or pricing data and
  - The judgmental factors applied in projecting from the data to the estimated costs.
- The purpose of the evaluation is to form an opinion on the degree to which the proposed costs represent what the cost of the contract should be, assuming reasonable economy and efficiency.

# When to Perform Cost Analysis

- Perform cost analysis in either of the following situations:
  - When the Truthful Cost or Pricing Data (TINA) applies and the offeror is required to submit cost or pricing data. In this situation, the offeror must provide complete, accurate, and current data to support all proposed costs and profit/fee.
  - When you require an offeror to submit cost information other than cost or pricing data to support your decision on price reasonableness or cost realism.

Require only the information necessary to determine price reasonableness or cost realism!







### Market Research

- Defined as collecting and analyzing information about the capabilities within the market to satisfy agency needs
- Thoroughly executed process will provide information on:
  - · Existing products
  - · Capable sources including small businesses
  - · Competitive market forces
  - · General pricing information
  - · Varying levels of products and performance
  - · Commercial practices
  - · Support capabilities
  - · Successful acquisition practices of other organizations

### When to do Market Research

- Before developing new requirements documents for an acquisition
- Before soliciting offers above the Simplified Acquisition Threshold
- Before soliciting offers below the Simplified Acquisition Threshold if there is not adequate information available and the circumstances justify the cost
- Before soliciting offers that could lead to bundled contracts under the Small Business Act

## Market Research Techniques

- Surveillance a continuous process to keep up with technology and the market place – not generally tied to a specific acquisition
- Investigation a specific and comprehensive research in response to definite Government requirements
  - Step 1 Describe the Government's needs
  - Step 2 Determining the availability of NDIs or Commercial items
    - 1. Contact knowledgeable individuals within Government and industry
    - 2. Review recent, relevant Market Research
    - 3. Publish formal RFIs
    - 4. Query Government and commercial databases
    - 5. Participate in interactive, on-line communications with industry, acquisition personnel and customers
    - 6. Obtain source lists
    - 7. Review catalogs and product literature
    - 8. Conduct conferences and exchange meetings

21

# Market Research Techniques

- Step 3 Evaluate data reassess agency requirements to permit use of NDI or commercial items
- Step 4 Determine the appropriate procurement method
- Step 5 Document the results

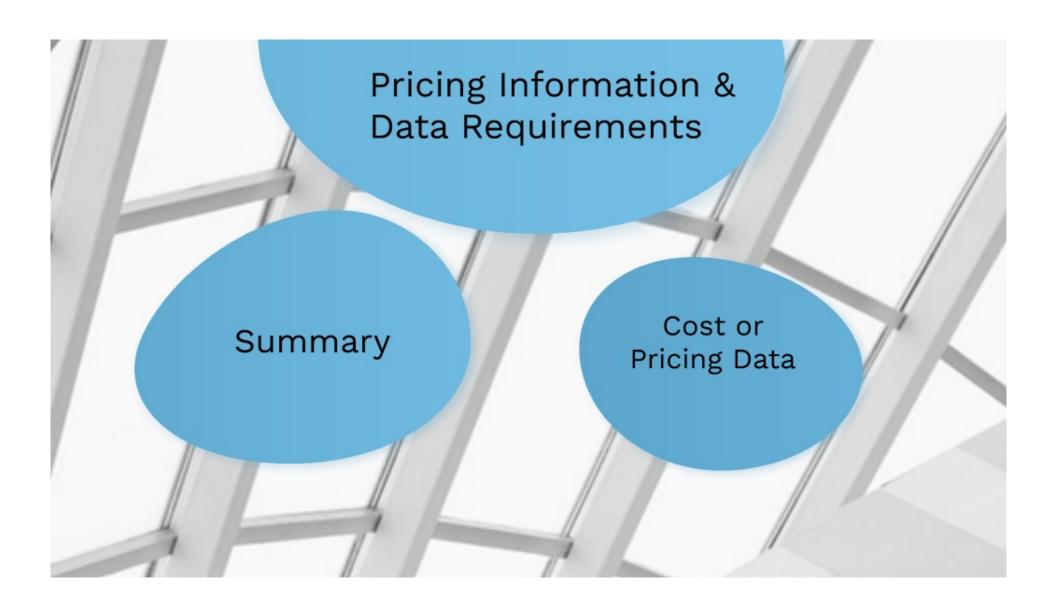
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#### Other uses for Market Research

- To determine the appropriate procurement strategy
- To determine the scope of technical proposals and other submissions
- To develop appropriate contract terms and conditions
- To determine the appropriateness of financing payments

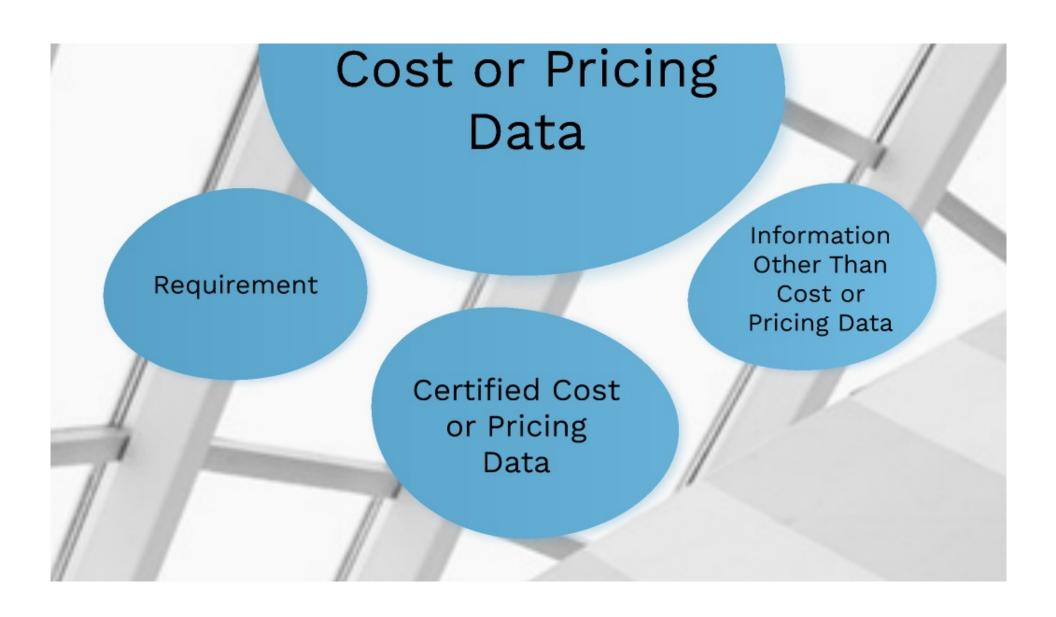
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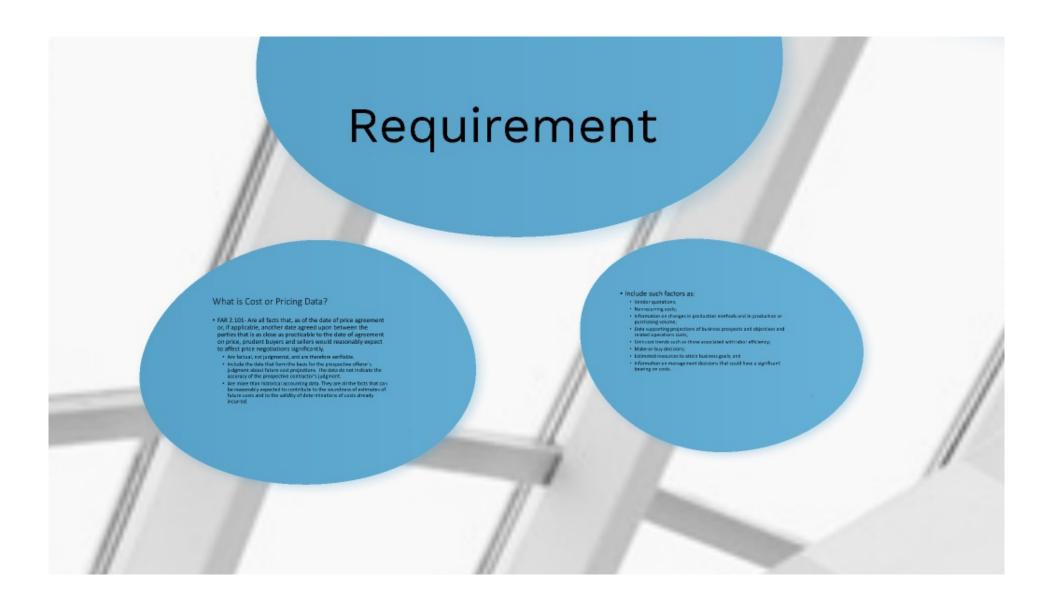












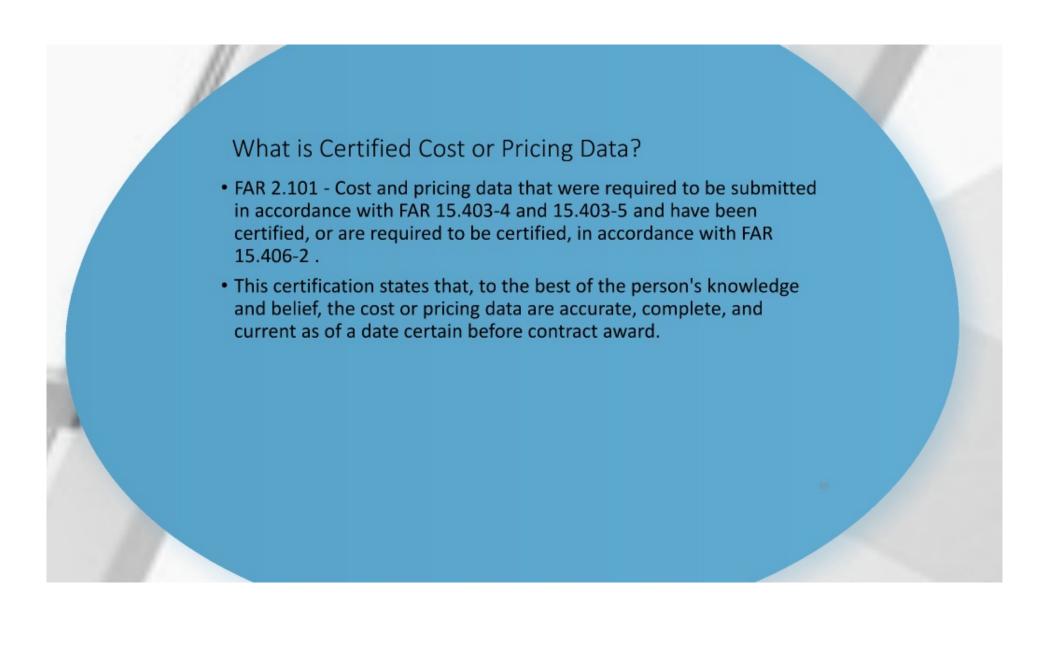


#### · Include such factors as:

- · Vendor quotations;
- · Nonrecurring costs;
- Information on changes in production methods and in production or purchasing volume;
- Data supporting projections of business prospects and objectives and related operations costs;
- Unit-cost trends such as those associated with labor efficiency;
- · Make-or-buy decisions;
- · Estimated resources to attain business goals; and
- Information on management decisions that could have a significant bearing on costs.

28





# Information Other Than Cost or Pricing What is Data Other Than Certified Cost or Pricing Data? Data Format for Data Submission + DOFFIT FAR TIDE IS 7 How Much Data Do I Need? Exception for Obtaining CCPD Order of Preference (FAR 15.402) Obtain the MINIMUM amount of information required to allow and adequate determination that a contract price is fair and reasonable. + When CCPD are not required: No additional data from the offeror if the price is based on adequate price competition Data Other Than CCPD

#### What is Data Other Than Certified Cost or Pricing Data?

- FAR 2.101 pricing data, cost data and judgmental information necessary for the
  contracting officer to determine a fair and reasonable price or to determine cost
  realism that are not required to be certified as accurate, complete, and current,
  in accordance with FAR 15.406-2.
- May include sales data and any data reasonably required to explain the offerors estimating process including but not limited to:
  - The Judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data; and
  - · The nature and amount of any contingencies included in the proposed price.
- Includes "cost or pricing data" but for which certification is not required.

### How Much Data Do I Need?

- Order of Preference (FAR 15.402)
  - Obtain the MINIMUM amount of information required to allow and adequate determination that a contract price is fair and reasonable.
- When CCPD are not required:
  - 1. No additional data from the offeror if the price is based on adequate price competition
  - 2. Data Other Than CCPD

33

### Exception for Obtaining CCPD

- Certified cost or pricing data shall not be obtained for acquisitions at or below the simplified acquisition threshold.
- Effective 01 July 2018, contracting officers shall use \$2 million as the threshold for obtaining certified cost or pricing data, in lieu of the threshold of \$750,000.
- Standards for exceptions from certified cost or pricing data requirements:
  - 1. When the contracting officer determines that prices agreed upon are based on adequate price competition
  - 2. When the contracting officer determines that prices agreed upon are based on prices set by law or regulation
  - 3. When a commercial item is being acquired
  - 4. When a waiver has been granted; or
  - 5. When modifying a contract or subcontract for commercial items

### Format for Data Submission

- CCPD FAR Table 15-2
- · Data Other Than CCPD:
  - · May require only require limited cost information from the offeror/contractor.
  - May contain similar types of data as CCPD but does not require a Certificate of Current Cost or Pricing Data and does not require submission of data in the format at Table 15.2.
- While under TINA requirements the offeror is required to disclose all facts that a prudent buyer or seller would expect to have a significant impact on price

35







# Definition of Price Analysis

- Process of examining and evaluating a proposed price without evaluating its separate cost elements and proposed profit.
  - FAR 15.401-1(b)

# Why Price Analysis?

- Price analysis is performed whenever you compare one price to another
- Price analysis provides a basis for detecting unreasonable or unrealistic offers
- Price analysis is integral to the cradle to grave procurement process
- Best practice
- Price analysis is required for every acquisition

# Comparison Roadmap

- Selecting prices for comparison
- Identify factors that affect comparability
- Determine the effect of identified factors
- Adjust prices for comparison
- Compare offered and adjusted prices

# Selecting Prices for Comparison

- Primary comparisons:
  - · Other proposed prices
  - · Commercial prices
  - · Previously proposed prices and contract prices
- Secondary comparisons:
  - · Historical prices
  - Parametric estimates or rough yardstick estimates
  - Independent Government estimates

### Identify factors that affect comparability

- Market and economic conditions
- Quantity size
- Geographic location
- Purchasing power of the dollar
- Extent of competition
- Technology
- Contract Ts & Cs

41

### **Determining Effects of Differences**

- After you have identified the factors that may affect comparability, the next step is to determine the effect on each specific comparison with the offered price:
  - · What factors affect this comparison?
  - · How do these factors affect the comparison?
  - Does this comparison, even with its limitations, contribute to the price analysis?

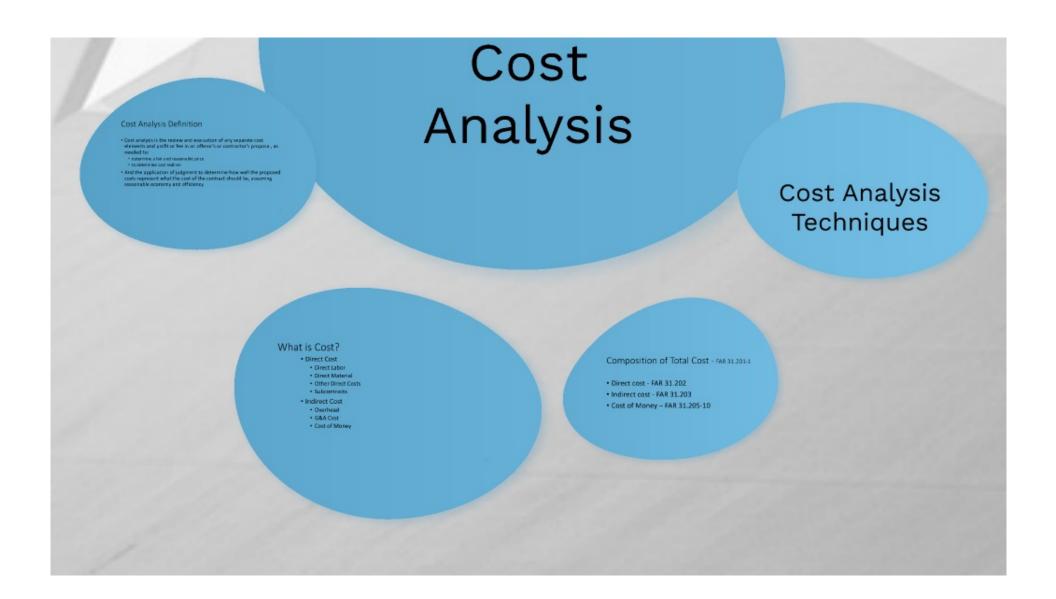
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# **Adjusting Prices**

- Identify and document price-related differences, taking into account the factors affecting comparability
- Determine the technique for making the adjustment
- Factor out price related differences

# **Compare Prices**

- Have all price-related differences been documented?
- Is a common basis for comparison established?
- If not, to what extent is the comparison still valid? Should an adjustment be considered?



## Cost Analysis Definition

- Cost analysis is the review and evaluation of any separate cost elements and profit or fee in an offeror's or contractor's proposal, as needed to:
  - · determine a fair and reasonable price
  - · to determine cost realism
- And the application of judgment to determine how well the proposed costs represent what the cost of the contract should be, assuming reasonable economy and efficiency

# What is Cost? • Direct Cost • Direct Labor · Direct Material • Other Direct Costs Subcontracts • Indirect Cost Overhead • G&A Cost Cost of Money



- Direct cost FAR 31.202
- Indirect cost FAR 31.203
- Cost of Money FAR 31.205-10

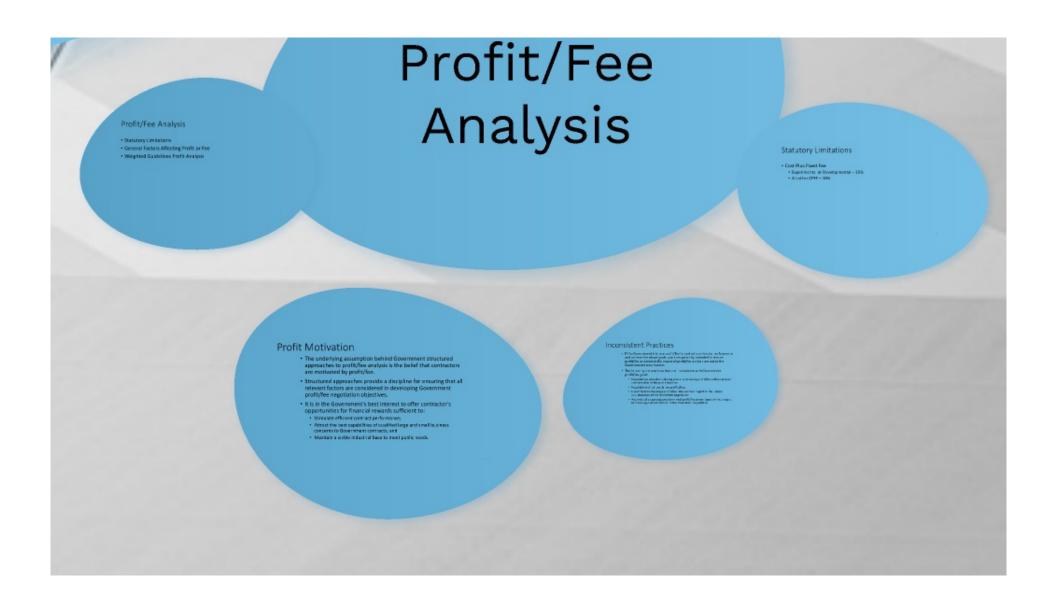


# Cost Analysis Techniques and Procedures Cost analysis includes the following techniques and procedures as appropriate: · Verify cost or pricing data or information other than cost or pricing data. · Evaluate cost elements, including: · The necessity for and reasonableness of proposed costs, including allowances for contingencies; · Projections of the offeror's cost trends, on the basis of current and historical cost or pricing data or information other than cost or pricing data; · Reasonableness of estimates generated by appropriately calibrated and validated parametric models or Cost Estimating Relationships; and · The application of audited or negotiated indirect cost rates, labor rates, cost of money factors, and other factors.

# Cost Analysis Techniques . . II · Evaluate the effect of the offeror's current practices on future costs. · Ensure that the effects of inefficient or uneconomical past practices are not projected into the future. · In pricing production of recently developed complex equipment, perform a trend analysis of basic labor and materials even in periods of relative price stability. . Compare costs proposed by the offeror for individual cost elements with: · Actual costs previously incurred by the offeror; · Previous cost estimates for the same or similar items; · Other cost estimates received in response to the Government's request; · Independent Government cost estimates by technical personnel; and · Forecasts of planned expenditures.

## Cost Analysis Techniques . . . III

- Verify that the offeror's cost submissions are in accordance with the contract cost principles and procedures in FAR Part 31 and any applicable Cost Accounting Standards.
- Determine whether any cost or pricing data necessary to make the contractor's proposal accurate, complete, and current have not been either submitted or identified in writing by the contractor. If there are such data:
  - · Attempt to obtain the data and negotiate using the data obtained, or
  - · Make satisfactory allowance for the incomplete data.
- · Analyze the results of any make-or-buy program reviews, in evaluating subcontract costs.



# Profit/Fee Analysis

- Statutory Limitations
- General Factors Affecting Profit or Fee
- Weighted Guidelines Profit Analysis

### **Profit Motivation**

- The underlying assumption behind Government structured approaches to profit/fee analysis is the belief that contractors are motivated by profit/fee.
- Structured approaches provide a discipline for ensuring that all relevant factors are considered in developing Government profit/fee negotiation objectives.
- It is in the Government's best interest to offer contractor's opportunities for financial rewards sufficient to:
  - · Stimulate efficient contract performance;
  - Attract the best capabilities of qualified large and small business concerns to Government contracts; and
  - · Maintain a viable industrial base to meet public needs.

### **Inconsistent Practices**

- If the Government is to use profit/fee to motivate contractor performance and achieve the above goals, practices primarily intended to reduce profit/fee or diminish the impact of profit/fee analysis are not in the Government's best interest.
- The following are practices that are inconsistent with Government profit/fee goals:
  - Negotiations aimed at reducing prices by reducing profit/fee without proper consideration of the profit function.
  - · Negotiation of extremely low profits/fees.
  - Use of historical average profit/fee rates without regard to the unique circumstances of the immediate negotiation.
  - Automatically applying predetermined profit/fee percentages without regard to the unique circumstances of the immediate negotiation.

# **Statutory Limitations**

- Cost Plus Fixed Fee
  - Experimental or Developmental 15%
  - All other CPFF 10%

7.4



# Technical Evaluation DCAA Audit Information Other Than Cost or Pricing Data Even when an exception to cost or pricing data applies (FAR 15.403-1), the CO is still required to establish a fair and reasonable price. Cost or Pricing Data Required: To make this determination, OD may require information other than cost or pricing data, including information related to prices and cost information that would otherwise be defined as cost or pricing data if critified. Critical for role source basis. TIKA requires contractors to submit cost or pricing data if the procurement is above the TIKA fireshed and none of the exception to cost or pricing data registerents applies. Under TIKA, the CD obtains accurate, complex, and current data from the contractor to establish a fair and reasonable price (RAR 23-403). Submission of information may be submitted in offeror's own format, unless the CD decide that a specific format is essential and outlined in solicitation (FAR 15:408-5)(b)(Z)). CO may require:

# **Adequacy Checklist**

 Prior to submitting proposal to the CO, perform self assessment of the adequacy by utilizing Adequacy of a Contractor's Pricing Proposal Checklist (www.dcaa.mil)

# Cost or Pricing Data Required:

- 1. TINA requires contractors to submit cost or pricing data if the procurement is above the TINA threshold and none of the exception to cost or pricing data requirements applies.
- 2. Under TINA, the CO obtains accurate, complete, and current data from the contractor to establish a fair and reasonable price (FAR 15.403).

# CO may require:

- 1. Proposal submission of cost or pricing data in the format prescribed in FAR 15.408, Table 15-2
- 2. Specify an alternative format, or
- 3. Permit submission in the contractor's own format.

It is extremely important to prepare proposals in accordance with these instructions unless the CO specified an alternate format or approved the contractor's own format.

# Information Other Than Cost or Pricing Data Required

- Even when an exception to cost or pricing data applies (FAR 15.403-1), the CO is still required to establish a fair and reasonable price.
- To make this determination, CO may require information other than cost or pricing data, including information related to prices and cost information that would otherwise be defined as cost or pricing data if certified. Critical for sole source basis.
- Submission of information may be submitted in offeror's own format, unless the CO decide that a specific format is essential and outlined in solicitation (FAR 15.403-5(b)(2)).

# DCAA Audit Audit Process (cont.) Audit Initiation The suditor initiates an audie when the PDD or ACD submits request to the cognizant DDA office. Auditor will identify the type of data required of the contractor and review the proposal package for adequacy. DDAA will then concat company representative and coordinate walk through of the program is og ain an undestanding of the basis of the proposal and related supporting documentation. Auditor will review proposal assertions to determine If it has been adequately prepared (a accordance with the instructions of FAR 15.40K, Table 15.2 or format specified). PDJ to returned if insalequate. When self for request suggesting documentation from a contractor (with lay or self-law), the respect will be the lay to be self-law) to receive and with the layer to receive and with the layer to the minimperient reports). It is critical to report the seal fire for requested information. It is critical to reside the seal fire for requested information. It is defined, MM 13 ASA-LEQD[3] of rejets their count reside in the to their induced appropriate and indicated in the first indicate the sealons are in accordance with a spranging of the sealons **Audit Process** The responsibility for providing adequate supporting data lies solely with the contractor. Contractor bears the burden of proof in establishing reasonableness of proposed cost, therefore, it is the contractors best interest to submit a fully supportable and well-prepared cost proposal. Basis and nationale for all proposed costs should be provided as part of the proposel so that the government can place reliance on the information as current, complete, and accurate.

### **Audit Initiation**

- The auditor initiates an audit when the PCO or ACO submits request to the cognizant DCAA office.
- Auditor will identify the type of data required of the contractor and review the proposal package for adequacy.
- DCAA will then contact company representative and coordinate walkthrough of the proposal to gain an understanding of the basis of the proposal and related supporting documentation.
- Auditor will review proposal assertions to determine if it has been adequately prepared (in accordance with the instructions of FAR 15.408, Table 15-2 or format specified). PCO to returned if inadequate.

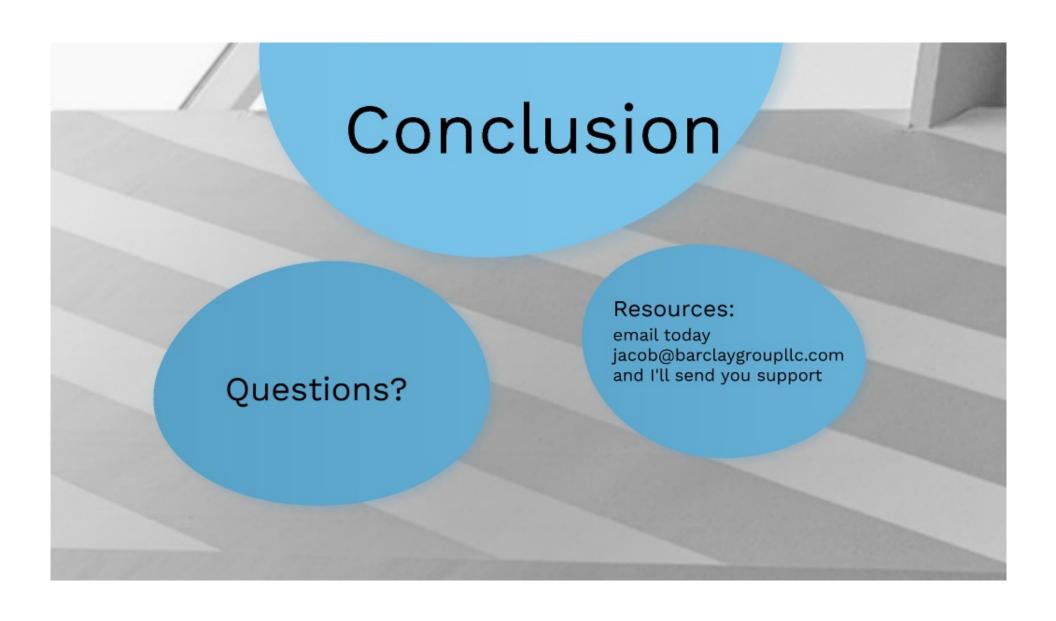
### **Audit Process**

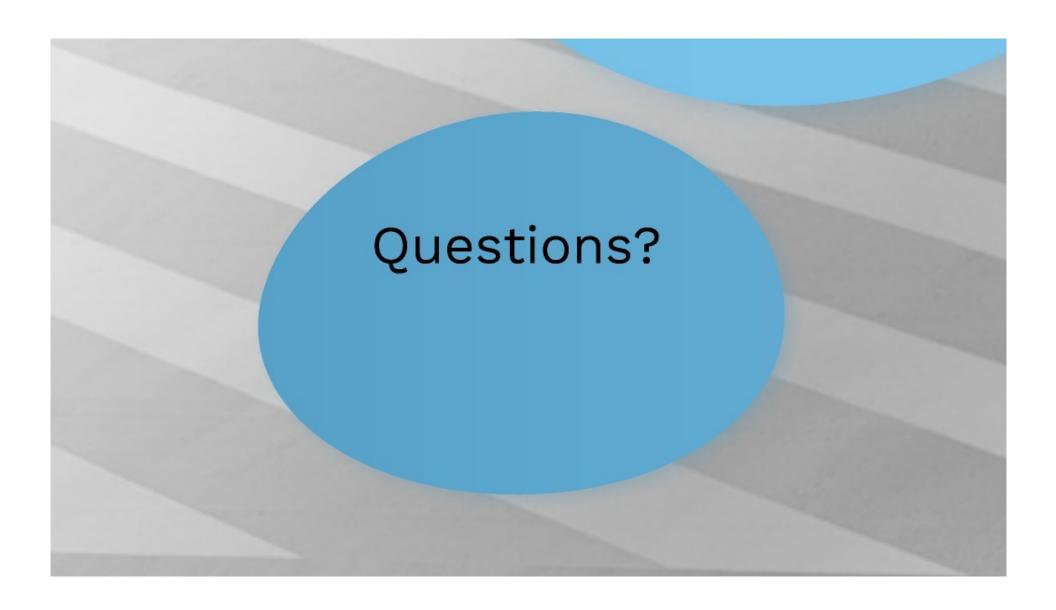
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## Audit Process (cont.)

- When auditor requests supporting documentation from a contractor (verbally or written), the request will clearly state what support is needed and when it should be provided.
- Support includes access to personnel, in addition to the documentation/data supporting the contractor's assertion (i.e. cost records, policies and procedures, management reports).
- It is critical to meet the deadline for requested information.
- In addition, FAR 15.404-1(c)(2)(iv) states that cost analysis also shall include appropriate verification that the offeror's cost submissions are in accordance with contract cost principles.
- Upon completion of audit, the auditor will hold an exist conference which will address all factual aspects of the proposal audit. If exceptions are taken to the judgement aspects of the proposal, the auditor will not disclose detailed conclusions or amounts that may be questioned. These judgmental differences are subject to negotiations by the CO.







Resources: email today jacob@barcla ygroupllc.com and I'll send you support

