Silicon vertex and tracking detector cost estimates

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Introduction to today's meeting

- The EIC SC is currently working on two topics in support of the proto-collaborations work toward the detector proposals
  - Detector CAD drawings with realistic services and supports. First release on 9 Sept (J. Fast, W. Sondheim, L. Greiner)
    https://drive.google.com/file/d/1YkrkczEkO_izFamAVE5HLfBOE9uK8ZMq/view?usp=sharing
  - Costing estimates → topic of today's meeting

- Leo has been working on a few costing estimate scenarios for the EIC silicon vertex and tracking detector

- Costs from CD3 to installation presented today for discussion
  - Presented and discussed today

- Cost estimate for R&D phase (now to CD3)
  - Existing version was prepared as part of the Generic Detector R&D project eRD25
  - Updates are needed, not discussed today

Introduction to today's meeting

- R&D costs are independent of final detector configuration, costs after CD3 depend on detector configuration

- Each proto-collaboration will have to enter the costing in their spreadsheet using the input provided by the EIC-SC
  - The cost estimates provided for the R&D phase will not need adjustments, just insertion as it is in the spreadsheet
  - The cost estimate provided for after CD3 might need adjustment depending on the detector configuration

- Today we would like to present and discuss the current cost estimate draft
  - Explain the methodology used to prepare it
  - Collect input from project and proto-collaborations
  - How we make sure any scaling of what is provided to fit the specific detector configuration is done in a coordinated manner to avoid uncontrolled divergences
    - Note that scaling by area would not be correct, it does not apply to all costed items