

ACCUBID CUSTOMIZED CLASSIC DATABASE

This constitutes a proposal submitted by Estimating 101 to ABC ELECTRIC

ACCUBID Customized Database

One (1) Customized Trimble MEP ACCUBID database to be used with Classic ACCUBID estimating software. The database has been customized from its original version from the manufacturer.

The database has approximately 2,300 hours of customization. Most the work has been done in the following libraries:

- Common Assemblies
- Fixtures
- Distribution
- Ducts & Trays
- Branch Conduit & Wire
- Feeder Conduit & Wire
- Feeder Cable
- Branch Cable

There are libraries in the database that are still a work in progress. But I believe the above areas are where approximately 90% of the take-off is done.

Here is a comparison of the Trimble Database v.16 and Estimating 101 database:

Database	Items	Assemblies	Categories
Trimble MEP	42,151	12,978	4,232
Estimating 101	52,083	57,499	10,032
More +	9,932	44,521	5,800

Database Terms & Conditions

1. The database is a work in progress. I continue to modify the libraries on a regular basis and you will be entitled to all future updates at no additional costs. These updates are available for 12 months. Anytime you would like the latest database within the 12-month period, send an email to don@electrical estimating 101.com. Any changes made by the contractor in the database will be overwritten by future updates. However, you can take control of your database at any time, and this is recommended.
2. The database will be delivered via email in a zip file. I will assist you if you desire to place the database in your program and assure you that it is functional.
3. All labor units in database are Trimble default values. I accept no responsibility for the labor units in the database
4. NECA Labor Units:
 - 1) I have added labor to selected NECA 1, 2, 3 labor columns where no labor value existed. ACCUBID Systems philosophy was not to add NECA labor where the NECA Labor Unit Manual had no labor value associated with the item.
 - 2) Most NECA labor units added by calculating ACCUBID Labor 1 X 1.35. NECA 2 = NECA 1 + 25%, and NECA 3 = NECA 1 + 50%.
 - 3) All NECA Labor Units with PIK codes are the latest from the 2023-2024 NECA Manual of Labor Units.
 - 4) NECA periodically updates their labor units on some items.
5. The database is accepted "AS IS."
6. Material pricing is the responsibility of the contractor. It is recommended that the contractor obtain an account with Trade Service for Trade List and Supplierlink Pricing.
7. Six (6) hours of custom database modifications or online Trimble ACCUBID Database Management training for up to two employees.
8. The custom database is solely for the use of the client named in this proposal and can not be shared, sold, or joint ventured with any other contractor.
9. The database is non-refundable.

Costs: PRICE TO FOLLOW DEMO

Payment

Remit payment in US funds. **Checks are made payable to Estimating 101.** Payment must be made in full to transfer the database.

Mail payments to:

Don Kiper
PO Box 1742
Niagara Falls, NY 14302

Non-Disclosure and Confidentiality

All information and methodology disclosed by Estimating 101 during the execution of this agreement is solely for the use of the client and is considered proprietary and confidential.

Estimating 101 agrees that any information learned from the client related to his business operations during the execution of this agreement is held in strict confidence and will never be shared.

Acceptance

This proposal is valid for 14 days. This proposal, once accepted, is non-refundable for any reason. Estimating 101 reserves the right to withdraw this proposal at anytime before and after acceptance by the client.

This proposal is accepted and forms an agreement between ABC Electric Co., Inc. (client, you) and Estimating 101 (I / me) as represented by Don Kiper.

IN WITNESS OF WHICH the parties have signed this proposal

Signed by or on behalf of the Client

Printed name on behalf of the Client

Date Signed

February 26, 2026

The following list are Item Product Lines and / or Items added to the Estimating 101 Database. Some items are **Labor Only** and some are **Product Lines** with UPC pricing codes for Trade Service features. Categories with Pricing Codes are in **RED** text.

If a Product Line was added and there are no pricing codes, this means that the line is not supported by Trade Service. This list is by ITEM CATEGORIES as arranged in the Estimating 101 DB is a summary of categories and does not list individual items.

These categories of items represent approximately 9,775 items that are not in the Trimble ACCUBID Classic database.

Conduit & Fittings

1. EMT RT Fittings – Crouse-Hinds line with Pricing Codes
2. EMT Colored Conduit – Black, Blue, Green, Orange, White, Silver, Purple, Yellow
3. EMT Insulated Bushings – Arlington Line with Pricing Codes
4. EMT Insulated Bushings – Bridgeport Line with Pricing Codes
5. PVC CTD Locknuts – Robroy with Pricing Codes
6. PVC CTD Reducing Couplings – Robroy with Pricing Codes
7. PVC CTD Split Coupling - Robroy with Pricing Codes
8. PVC CTD Liquid Tight Connectors – Robroy with Pricing Codes
9. PVC CTD Liquid Tight Connectors w/ Ground – Robroy with Pricing Codes
10. PVC CTD XP ECLK Flex Fittings – Lengths of 4”, 6”, 8”, 10”, 12”, 15”, 18”, 21”, 24”, 27”, 30”, 33”, 36” – Quoted Items
11. PVC CTD XP ECGJH Flex Fittings – Lengths of 4”, 6”, 8”, 10”, 12”, 15”, 18”, 21”, 24”, 27”, 30”, 33”, 36” – Quoted Items
12. PVC CTD SQ Conduit Plugs – Robroy with Pricing Codes
13. PVC CTD Recessed Conduit Plugs – Robroy with Pricing Codes
14. PVC CTD RA Clamps Perma-Cote with Pricing Codes
15. PVC CTD Parallel Beam Clamps Perma-Cote with Pricing Codes
16. PVC CTD J Hanger – Robroy with Pricing Codes
17. PVC CTD U Bolt Clamps – Perma-Cote with Pricing Codes
18. PVC SCH 40 Large Radius Elbows – Carlon with Pricing Codes
19. PVC SCH 40 – Field Bends & Cut / Ream separated into 2 Individual Items as per NECA Manual
20. Innerduct - Carlon – General Purpose – with Pricing Codes
21. Innerduct - Carlon – Riser Gard – with Pricing Codes
22. Innerduct - Carlon – Plenum Gard – with Pricing Codes
23. Innerduct - Carlon – Corrugated HDPE – with Pricing Codes
24. Innerduct - Carlon – Hal-Free Riser-Gard – with Pricing Codes
25. Innerduct - Maxcell – Premise – Quoted Items
26. Innerduct - Maxcell – Edge – Quoted Items
27. Innerduct - Maxcell – Edge Detectable - Quoted Items
28. Stainless Steel Conduit & Fittings & Straps & Flexible Conduit & Connectors – Calbrite Line with Pricing Codes. Approx 500 additional items from Trimble’s DB

Wire

1. XHHW – 2 Copper – Southwire with Pricing Codes
2. Bare Copper – with Labor Units for Exposed installations. Default Bare copper wire is for UG installations.

Cable

1. Fire Alarm MC Cable
2. VitaLink – 2 Hr. Rated MC Cable with Catalog Numbers – Quoted Items
3. VFD Cable – Quoted Items
4. DFO Cable – Southwire with Pricing Codes
5. 25KV Cable Both Copper & Alum – Quoted Items
6. 35KV Cable Both Copper & Alum – Quoted Items
7. Alpha Wire Product Line – 500+ Items with Pricing Codes
8. Cable – Paired Plenum – Quoted Items
9. Cable – Multi-Conductor Control – Quoted Items

Wire & Cable Accessories

1. MC Connectors – 2 HR. Fire Rated – For VitaLink Cable
2. Conductor Support Bodies with 3 & 4 Cable Wedges – PECO with Pricing Codes
3. Terminal Strips 2 Pole to 12 Pole – Ideal with Pricing Codes
4. Engraved Panel Names Plates – Labor Items – NECA Labor Manual
5. ILSCO Insulated Multi-Tap Connectors – with Pricing Codes
6. Cable Lashing – From NECA Manual
7. Pull Rope for sizes 1/2", 5/8" and 3/4" Added
8. 5KV Hand Wrapped Stress Cones – Labor Items – From NECA Manual – All Below
9. 15KV Hand Wrapped Stress Cones – Labor Items
10. 25KV Hand Wrapped Stress Cones – Labor Items
11. 35KV Hand Wrapped Stress Cones – Labor Items
12. 5KV Porcelain Terminations – Labor Items
13. 15KV Porcelain Terminations – Labor Items
14. 25KV Porcelain Terminations – Labor Items
15. 35KV Porcelain Terminations – Labor Items
16. 5KV Cold Shrink Splice – Labor Items
17. 15KV Cold Shrink Splice – Labor Items
18. 25KV Cold Shrink Splice – Labor Items
19. 35KV Cold Shrink Splice – Labor Items
20. 5KV Hot Shrink Splice – Labor Items
21. 15KV Hot Shrink Splice – Labor Items
22. 25KV Hot Shrink Splice - Labor Items
23. 35KV Hot Shrink Splice - Labor Items

Boxes & Cabinets

1. Custom Made Junction Boxes (21 Sizes) - Labor Items – From NECA Manual
2. Hubbell Recessed Wall Boxes – with Pricing Codes
3. Drill & Tap Conduit Hubs – 1/2" to 2" – Labor Items

Surface Raceways

1. Wiremold 2100 Series Deleted – Discontinued by Manufacturer

Cable Tray

1. Fiberglass Tray – 6”, 9”, 12”, 18”, 24”, 30”, and 36” Widths – Labor Items – 1,726 Tray Items

Grounding

1. Ground Test Wells – PVC, Steel, Concrete, Polymer – Harger Product line with Pricing Codes
2. Grounding Conduit Wedges 1/2” through 6” – T&B Product Line with Pricing Codes
3. Grounding Components for Raised Floors – Harger Product Line

Fasteners & Hangers

1. B-Line Trapeze Hangers Mult-Conduits – Galv with Pricing Codes – 57 Items
2. B-Line Trapeze Hangers Mult-Conduits – Stainless Steel with Pricing Codes – 57 Items
3. Dura-Bloc Roof Supports – B-Line with Pricing Codes
4. Drilling Holes in Steel – Labor Items
5. Drilling Holes in Wood - Labor Items
6. Drill & Tap Machine Screws - Labor Items

Fasteners & Hanges – Stainless Steel

1. Unistrut, Threaded Rod, Spring Nuts, Concrete Anchors, Beam Clamps Added

Devices – Systems

1. Area of Rescue – Labor Items
2. Sound System Expanded – Items added for Gym Sound, Music Room Sound and Cafeteria Sound. Helpful if contractor focuses on educational facilities.
3. Temperature Control Devices

Distribution

1. Equipment Labor by Weights – From NECA Labor Manual
2. Equipment Labor Items by Hour – 1 Hr to 160 Hours
3. Breaker Termination Labor – 1-Pole, 2-Pole, 3 Pole, 15/1 to 6000/3
4. Breaker Termination Labor – 1-Pole, 2-Pole, 3 Pole, for GFI and Arc Fault Breakers
5. ECB – Enclosed Circuit Breakers – NEMA 1, 3R and 4X, 2-Pole Labor Only
6. ECB – Enclosed Circuit Breakers – NEMA 1, 3R and 4X, 3-Pole Labor Only
7. ECB – Enclosed Circuit Breakers – NEMA 1, 3R and 4X, 4-Pole Labor Only
8. ECB – Enclosed Circuit Breakers – Dome Covers - 1-Pole, 2-Pole, 3 Pole
9. CT Cabinets – 5 Sizes – Labor Items from NECA Labor Manual
10. Meter Centers MLO – NEMA 1 & 3R – 400A to 2000A
11. Meter Centers MCB – NEMA 1 & 3R – 400A to 2000A
12. Manual Disconnects – NEMA 1 & 3R – Eaton Product Line with Pricing Codes
13. Manual Disconnects – Expanded to include 2-Pole, and 4-Pole Disconnects
14. Generator Fuel Tank Installations – 500 Gallon to 5000 Gallon
15. Generator Fuel Tank Accessories – Labor Items – NECA Labor Manual – 6 Items
16. Generator Loadbank Options – Labor Items – NECA Labor Manual – 12 Items
17. ATS – Automatic Transfer Switches – Single Phase NEMA 3R – 100A to 2000A
18. ATS – Automatic Transfer Switches – Single Phase NEMA 12 – 100A to 2000A
19. ATS – Automatic Transfer Switches – Three Phase NEMA 3R – 30A to 4000A
20. ATS – Automatic Transfer Switches – Three Phase NEMA 12 – 30A to 4000A
21. MTS – Manual Transfer Switches – Single Phase NEMA 1 – 100A to 1600A
22. MTS – Manual Transfer Switches – Single Phase NEMA 3R – 100A to 1600A
23. MTS – Manual Transfer Switches – Single Phase NEMA 12 – 100A to 1600A

24. MTS – Manual Transfer Switches – Three Phase NEMA 1 3P – 100A to 4000A
25. MTS – Manual Transfer Switches – Three Phase NEMA 1 4P – 100A to 4000A
26. MTS – Manual Transfer Switches – Three Phase NEMA 3R 3P – 100A to 4000A
27. MTS – Manual Transfer Switches – Three Phase NEMA 3R 4P – 100A to 4000A
28. MTS – Manual Transfer Switches – Three Phase NEMA 12 3P – 100A to 4000A
29. MTS – Manual Transfer Switches – Three Phase NEMA 12 4P – 100A to 4000A
30. ATS & Isolation By-Pass Switch – Three Phase NEMA 1 3P – 100A to 4000A
31. ATS & Isolation By-Pass Switch – Three Phase NEMA 1 4P – 100A to 4000A
32. ATS & Isolation By-Pass Switch – Three Phase NEMA 3R 3P – 100A to 4000A
33. ATS & Isolation By-Pass Switch – Three Phase NEMA 3R 4P – 100A to 4000A
34. ATS & Isolation By-Pass Switch – Three Phase NEMA 12 3P – 100A to 4000A
35. ATS & Isolation By-Pass Switch – Three Phase NEMA 12 4P – 100A to 4000A
36. Generator Master Control Enclosures – NEMA 1 – 260A to 1600A
37. Generator Master Control Enclosures – NEMA 3R – 260A to 1600A
38. Generator Master Control Enclosures – NEMA 12 – 260A to 1600A
39. EV Charging Stations – Labor Items with Equipment Weights
 - ABB
 - BTC Power
 - PowerCharge
 - Tritium
 - Wallbox
40. MCC Bus Bar Connection Labor – 200A to 1200A
41. MCC Bucket Terminations - 2 POLE – Labor Items
42. MCC Bucket Terminations - 3 POLE – Labor Items
43. MCC Bucket Terminations - 4 POLE – Labor Items
44. MCC Buckets – Mounted in MCC – Labor Items
45. MCC Buckets – Reversing – Mounted in MCC – Labor Items
46. MCC Buckets – Variable Speed – Mounted in MCC – Labor Items
47. MCC Buckets – Variable Speed / Reversing – Mounted in MCC – Labor Items
48. UPS Battery Cabinets
49. UPS Batteries

Control Devices & Accessories

1. Fire Pump Controllers – NEMA 1 – Quoted Items – NECA Labor Manual, 48 Options
2. Fire Pump Controllers – NEMA 3R - Quoted Items – NECA Labor Manual, 48 Options
3. Fire Pump Controllers – NEMA 12 Quoted Items – NECA Labor Manual, 48 Options
4. Lighting Contractors Expanded to include NEMA 3R and NEMA 4X – 42 Additional Contactors
5. Time Clocks Expanded Paragon Series 4000, 7000 with Pricing Codes – 95 Items
6. Instruments – Labor Items – 27 Items

Terminations – Equipment & Motor

1. Roof Top Connections – 25% Added Labor to Standard Equip Connections – 21 Items Labor Only
2. Equipment Connections – Copper 20A to 800A – NECA Labor Manual
3. Equipment Connections – Alum 20A to 800A – NECA Labor Manual
4. Equipment Connections – Residential, ie: Dishwasher, Stove Fan, Furnace, A/C, HWH, etc.
5. Medical Headwalls – Labor Items
6. Ceiling Fans – Up to 24 Ft. Diameter – NECA Labor Manual – 17 Items
7. Terminations – Panelboard Feed – NECA Labor Manual
8. Terminations – Ground – NECA Labor Manual
9. Terminations – Switchboard Feed – NECA Labor Manual
10. Terminations – Switchboard Ground – NECA Labor Manual
11. 5KV Pothead Terminations – 1, 2, 3 Conductors – NECA Labor Manual

12. 15KV Pothead Terminations – 1, 2, 3 Conductors – NECA Labor Manual
13. 25KV Pothead Terminations – 1, 2, 3 Conductors – NECA Labor Manual
14. 35KV Pothead Terminations – 1, 2, 3 Conductors – NECA Labor Manual

Fixtures

1. Project Fixtures – Fixture Labor Items from .25 to 100 Hrs. – 43 Items
2. Chain Hung
3. Surface / Cove
4. Pendant Vaportite Fixtures
5. Decorative Fixtures Wall – By Weight
6. Decorative Fixtures Pendant – By Weight
7. Health Care Lighting
8. Stage & Auditorium Lighting
9. Class 1 Div 1 Fixtures – 3FT TO 6FT.
10. Submerged Fountain Lights
11. Bollard Lighting

Electric Heating

1. Unit Heaters with Blowers – 1KW through 75KW – Labor Items – NECA Labor Manual
2. Heat Tracing Cable 1/C Watts Per Foot – 2W to 20W – Labor Items
3. Heat Trace Valves – 2” to 12” - Labor Items

Penetrations / Fireproofing / Sleeves

1. Interior CMU Wall Penetrations
2. Coring – Roofs
3. Concrete Coring – From NECA Labor Manual

Poles / Manholes / Quazite

1. Concrete – Slab Pour by Sq Foot – NECA Labor Manual
2. Concrete – Bedding in Trenches – NECA Labor Manual
3. Steel Reinforcement in Slabs and Pole Foundations – NECA Labor Manual
4. Watershed Protection – NECA Labor Manual
5. Quazite Product Line with Pricing Codes and Item Weights – 387 Items
6. Manhole Racks – Condux International – with Pricing Codes – 18 Items

Excavation & Traffic Control

1. Excavation for Manholes – Three Soil Types
2. Trenches – Hand Dug
3. Trenches – Hand Trimmed
4. Backfill Trenches & Compaction
5. Backfill Sand Bedding
6. Excavation – Post Holes – Hand Dug
7. Excavation – Post Holes – Auger Dug
8. Duct Bank Forming
9. Traffic Control

Pole Line Construction

1. Pole Transformers – Labor Items
2. Poles – Aluminum – Labor Items
3. Poles - Concrete – Labor Items
4. Cross Arms – Labor Items

Demolition – All Labor Only Items

1. Demo Site Lighting
2. Demo Street Lighting
3. Demo Airport Lighting
4. Street Lighting Transfer
5. Demo EMT Conduit
6. Demo GRC Conduit
7. Demo PVC Conduit
8. Demo IMC Conduit
9. Demo GRC-CTD Conduit
10. Demo Building Wire - #14 – 1000MCM
11. Demo 5KV Wire
12. Demo 15KV Wire
13. Demo Systems Cable – 5 Types
14. Demo Wiremold – Three Sizes
15. Cut Off GRC Stub out of Slab
16. Equipment Disconnects - #14/3 through 1000MCM
17. Demo Wooden Poles
18. Demo Cross Arms
19. Demo Secondary Service – CU
20. Demo Secondary Service – Alum
21. Demo Secondary Service – Triplex
22. Demo Conductor Attachments
23. Demo Transformers – Pad
24. Demo Transformers – Pole
25. Demo 1-Pole Breakers – 15A – 100A
26. Demo 2-Pole Breakers – 15A – 800A
27. Demo 3-Pole Breakers – 15A – 800A
28. Demo 3-Phase Motors – 5HP – 200HP

Remove & Reinstall

1. Remove & Reinstall Items – Labor Items – 150 Items
 - Devices
 - Conduit
 - Fire Alarm
 - Systems Devices
 - Building Wire
 - Systems Cable
 - Cable Tray – 6", 12", 18", 24", 30", 36"

Cutting / Patching / Painting

1. Paint Conduit
2. Paint Conduit w/ Asphaltum
3. Paint Wiremold – 10 Sizes
4. Paint Plywood Backboards – 2 Sizes
5. Wall Channel & Patch

Temporary Power & Lights

1. Temporary Panelboards – Labor Item – NECA Labor Manual
2. Temporary Power Distribution Centers
3. Sidewalk Lighting