**ESTIMATE SET-UP PACKAGE**

**BID SCHEDULE ENTRY AND MAINTENANCE**

**BIDDING INFORMATION**

|  |  |
| --- | --- |
|  BID DATE: | ESTIMATE NO.: |
|  PROJECT NAME: |
|  ADDRESS: |
|  CITY: | STATE: | ZIP: |
|  PRIME: | SUB: |
|  PROJECT MANAGER: |
|  $ SIZE: | BID TIME: |
|  PROJECT TYPE: |
|  BID TYPE: |
|  ENGINEERED:  | 🞏 | DESIGN-BUILD: 🞏 |

**DESIGN INFORMATION**

|  |
| --- |
|  ARCHITECT: AR |
|  ENGINEER: EE |
|  OWNER: OW |

**FINANCIAL INFORMATION**

|  |
| --- |
| BID BOND REQ? Y 🞏 N 🞏 BOND PENALTY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PERF. & PAYMENT BOND? Y 🞏 N 🞏 |
| COMP. DATE OR DURATION: |
| LIQUIDATED DAMAGES: Y 🞏 N 🞏 AMOUNT: |

|  |  |
| --- | --- |
| **BID RESULTS:** | **NSE ESTIMATE NO.**: |
| ELECTRICAL CONTRACTORS | BID $AMOUNT | GENERAL CONTRACTORS |
| 1. |  | 1. |
| 2. |  | 2. |
| 3. |  | 3. |
| 4. |  | 4. |
| 5. |  | 5. |
| 6. |  | 6. |
| 7. |  | 7. |
| 8. |  | 8. |
| ELECTRICAL CONTRACT AWARDED TO: | GENERAL CONTRACTOR: |
|  |  |

**ESTIMATE SET-UP PACKAGE**

**PRE-BID CHECKLIST**

Office: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bid Time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Construction Manager: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contact for Questions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pre-Bid Meeting: Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Time: \_\_\_\_\_\_\_\_\_ Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bid to: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Public: 🞏 Private: 🞏

Bid Type: Fixed Price 🞏 GMP 🞏 Design Build 🞏

Project Duration: \_\_\_\_\_\_\_\_\_\_\_\_ Award: \_\_\_\_\_\_\_\_\_\_\_\_ Start: \_\_\_\_\_\_\_\_\_\_ Completion: \_\_\_\_\_\_\_\_\_

Description of Project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Square Footage: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # of Floors: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Liquidated Damages: \_\_\_\_\_\_\_\_\_\_ (Y/N) Explain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Special Insurance Required: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Warranties/Guarantees: Standard \_\_\_\_\_\_\_\_\_\_\_\_ Beyond (1) Year: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bid Bond Required: \_\_\_\_\_\_\_\_\_\_ (Y/N) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ %

Performance and Payment Bond Required: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pre-Qualification Required: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Drawings to be Returned: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Local Union #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ City: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ County: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ESTIMATE SET-UP PACKAGE**

Labor Rate: \_\_\_\_\_\_\_\_\_\_\_\_ Sales Tax: \_\_\_\_\_\_\_ % Overhead: \_\_\_\_\_\_\_\_ Burden: \_\_\_\_\_\_\_\_ Profit: \_\_\_\_\_\_\_\_

Union Local: \_\_\_\_\_\_\_\_\_\_ # Floors: \_\_\_\_\_\_\_\_\_\_ Total Sq. Ft.: \_\_\_\_\_\_\_\_\_\_ Est. No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Location** | **LL** | **System** | **LL** | **Area** | **Phase** |
| **01 Base Bid** |  | 01 SWITCHGEAR |  |  |  |
|  |  | 02 BUS DUCT/BUS PLUGS |  |  |  |
|  |  | 03 EM. GEN/TR. SW./MG |  |  |  |
|  |  | 04 FEEDERS |  |  |  |
|  |  | 05 MOTOR BR. BRANCH/EQUIP. CONNECT |  |  |  |
|  |  | 06 FIXTURES |  |  |  |
|  |  | 07 LIGHTING BRANCH |  |  |  |
|  |  | 08 DEVICES – LIGHTING |  |  |  |
|  |  | 09 MC CABLE LIGHTING BRANCH |  |  |  |
|  |  | 10 MC DEVICES - LIGHTING |  |  |  |
|  |  | 11 LIGHTING SOFT WIRE |  |  |  |
|  |  | 12 POWER BRANCH |  |  |  |
|  |  | 13 DEVICES – POWER |  |  |  |
|  |  | 14 MC CABLE POWER BRANCH |  |  |  |
|  |  | 15 MC DEVICES - POWER |  |  |  |
|  |  | 16 CABLE TRAY |  |  |  |
|  |  | 17 WIREMOLD (SURFACE RACEWAY) |  |  |  |
|  |  | 18 RAISED FLOOR POWER DISTRIBUTION |  |  |  |
|  |  | 19 TELEPHONE/DATA CONDUIT |  |  |  |
|  |  | 20 TELEPHONE/DATA CABLE |  |  |  |
|  |  | 21 FIRE ALARM SYSTEM |  |  |  |
|  |  | 22 PUBLIC ADDRESS SYSTEM |  |  |  |
|  |  | 23 DR. SECURITY/CARD READER |  |  |  |
|  |  | 24 DR. MONITORING.INTRUSION |  |  |  |
|  |  | 25 INTERCOM SYSTEM |  |  |  |
|  |  | 26 CCTV |  |  |  |
|  |  | 27 MATV |  |  |  |
|  |  | 28 CLOCK SYSTEM |  |  |  |
|  |  | 29 NURSE CALL SYSTEM |  |  |  |
|  |  | 30 GAS DETECTION SYSTEM |  |  |  |
|  |  | 31 TEMPERATURE CONTROL SYSTEM |  |  |  |
|  |  | 32 ENERGY MANAGEMENT SYSTEM |  |  |  |
|  |  | 33 PROCESS CONTROL SYSTEM |  |  |  |
|  |  | 34 KITCHEN EQUIPMENT |  |  |  |
|  |  | 35 MEDICAL EQUIPMENT |  |  |  |
|  |  | 36 HALON SYSTEM |  |  |  |
|  |  | 37 LEAK DETECTION |  |  |  |
|  |  | 38 GROUNDING |  |  |  |
|  |  | 39 LIGHTING CONTROL/DIMMING |  |  |  |
|  |  | 40 LIGHTNING PROTECTION |  |  |  |
|  |  | 41 CATHODIC PROTECTION |  |  |  |
|  |  | 42 SITE WORK |  |  |  |
|  |  | 43 SITE LIGHTING |  |  |  |
|  |  | 44 INCOMING SERVICE – POWER |  |  |  |
|  |  | 45 INCOMING SERVICE – TELEPHONE |  |  |  |
|  |  | 46 DUCT BANKS AND MANHOLES |  |  |  |
|  |  | 47 TRAFFIC SIGNAL AND STREET LIGHTING |  |  |  |
|  |  | 48 REWORK EXISTING |  |  |  |
|  |  | 49 DEMOLITION |  |  |  |
|  |  | 50 TEMPORARY POWER |  |  |  |
|  |  | 51 WALKER DUCT |  |  |  |
|  |  | 70 PV MODULES |  |  |  |
|  |  | 71 DC WIRING |  |  |  |
|  |  | 72 COMBINER BOXES |  |  |  |
|  |  | 73 DC DISCONNECTS |  |  |  |
|  |  | 74 INVERTERS |  |  |  |
|  |  | 75 AC SWITCHGEAR |  |  |  |
|  |  | 76 AC WIRING |  |  |  |
|  |  | 77 MODULE RACKING |  |  |  |
|  |  | 98 OTHER |  |  |  |
|  |  | 99 DIRECT JOB COSTS |  |  |  |

**ESTIMATE SET-UP PACKAGE**

**QUOTATION SET-UP**

Estimate No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| System No. |  | Item |  | Preferred / Specified Vendors |  | Plug |
|  |  | Switchgear |  |  |  |  |
|  |  | Generator / ATS |  |  |  |  |
|  |  | Fixtures |  |  |  |  |
|  |  | Ltg Control |  |  |  |  |
|  |  | Cell Floor |  |  |  |  |
|  |  | HV Splicing |  |  |  |  |
|  |  | Ltg XFMR Panel |  |  |  |  |
|  |  | LV Tray |  |  |  |  |
|  |  | UPS |  |  |  |  |
|  |  | Fire Alarm |  |  |  |  |
|  |  | Telecom |  |  |  |  |
|  |  | Security-Access Ctrl |  |  |  |  |
|  |  | Security-Camera |  |  |  |  |
|  |  | AV |  |  |  |  |
|  |  | Sound System |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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**ESTIMATE SET-UP PACKAGE**

**PRE-ESTIMATE REVIEW**

General Requirements

* Review of Division 1 specifications and instructions to bidders to be complete prior to pre-estimate meeting. Indicate values to be included in the estimate for the following as required:
1. Allowances \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Temporary Power and Lighting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Protocol Levels \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Security Requirements \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Electrical Permit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Clean Up Requirements \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Material Handling/Stocking issues \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Coordination Drawings/Details \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Parking \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. Storage \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Provide information on the following issues:
1. Payment Terms \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Retention \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­\_
3. Contract Review by Contracts Administration \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Minority Requirements \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Coordination with owner supplied equipment \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bid Form Requirements

* Alternates – Provide to Estimating
* Unit Prices – Estimating to assist
* Labor Rates – Review with Director of Project Management
* Mark Ups – Review with Director of Project Management
* Breakdowns/Schedule of Values – Provide to Estimating

**ESTIMATE SET-UP PACKAGE**

**PRE-ESTIMATE REVIEW**

Proposal Information

Yes No N/A

🞎 🞎 🞎 Resumes required and requested

🞎 🞎 🞎 Corporate Information required and requested

🞎 🞎 🞎 Schedule required and requested

🞎 🞎 🞎 Bid Bond required and requested; % of bid amount \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

🞎 🞎 🞎 Payment and Performance Bond required

🞎 🞎 🞎 Proposal signed by officer

🞎 🞎 🞎 Hand delivery required

Estimating Information

Yes No N/A

🞎 🞎 🞎 New 🞎 or existing 🞎 building

🞎 🞎 🞎 Building elevation sketches complete

🞎 🞎 🞎 Substitutions allowed

🞎 🞎 🞎 Testing required

🞎 🞎 🞎 Coordination study needed

🞎 🞎 🞎 Off haul of spoils

🞎 🞎 🞎 Value engineering needed

At pre-estimate review, be prepared to discuss the following:

* Routing of conduits
* Homeruns overhead or in slab
* Combining circuits
* Cost saving methods or materials
* Job duration / phasing / schedule
* Straight time, TH, DT requirements
* Targeting / non-union
* Labor escalation
* Specialty vendors
* Material discounts
* LV system requirements
* Work at risk policy compliance – See Form F173

Pre-Bid Review Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ESTIMATE SET-UP PACKAGE**

**PROJECT MANAGER’S ESTIMATING CHECKLIST**

Est. setup 🞎 Complete

Alternates 🞎 Required – if checked, provide alternate numbers on Estimate Set-Up

Value eng. 🞎 Allowed – if checked, define

Unit prices 🞎 Required – if checked provide forms

Bldg. elev. 🞎 Complete

 Min. cover \_\_\_\_\_\_\_

UG conduit 🞎 PVC Sch 40 🞎 DB120 🞎 GRC 🞎 Ocal 🞎 Wrap

UG 90° ells 🞎 PVC 🞎 GRC 🞎 Ocal 🞎 Wrap

Backfill 🞎 Native 🞎 Sand 🞎 Concrete Depth \_\_\_\_\_\_ 🞎 Warning tape

Spoils 🞎 Off-haul 🞎 Spread @ site

Risers 🞎 GRC 🞎 EMT Height \_\_\_\_\_\_\_

MC Cable 🞎 Branch Circuits 🞎 EMT Hrs Super Neutral \_\_\_\_\_\_\_

Conduit/Type 🞎 PVC 🞎 EMT 🞎 IMC 🞎 GRC 🞎 ENT 🞎 MC

 🞎 HCF

Min. size \_\_\_\_\_\_\_\_\_\_

Fittings 🞎 DC/SS 🞎 DC/Comp 🞎 Steel/SS 🞎 Steel/comp 🞎 Insul throat

HV wire type \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Feeder wire 🞎 CU 🞎 AL 🞎 Mac. Adapt 🞎 Insulation type \_\_\_\_\_\_\_

Branch wire 🞎 THHN 🞎 Spl Min. Size \_\_\_\_\_\_\_ 🞎 Sol/Str. \_\_\_\_\_\_\_

Home Run 🞎 Slab 🞎 Overhead 🞎 EMT 🞎 IMC 🞎 GRC 🞎 PVC

Combine HR 🞎 Yes 🞎 No Max conductors \_\_\_\_\_\_\_

Ground wire 🞎 All branches 🞎 Spl \_\_\_\_\_\_\_ 🞎 None

Devices 🞎 Assemblies 🞎 Alter Assemblies 🞎 Decora

Supports 🞎 Caddy/clg. Wire 🞎 Slip rod/caddy 🞎 Th. Rod/min

 🞎 Th rod/J-hgr 🞎 Trapeze 🞎 Slip rod grid

Cable tray 🞎 Required Type \_\_\_\_\_\_\_ Support \_\_\_\_\_\_\_ Seismic required 🞎

**Systems:**

1. FA 🞎 Conduit 🞎 Open cable 🞎 Plenum 🞎 Via cable tray 🞎 Box/stub 🞎 Ring & String
2. PA 🞎 Conduit 🞎 Open cable 🞎 Plenum 🞎 Via cable tray 🞎 Box/stub 🞎 Ring & String
3. Security 🞎 Conduit 🞎 Open cable 🞎 Plenum 🞎 Via cable tray 🞎 Box/stub 🞎 Ring & String
4. Phone/Data 🞎 Conduit 🞎 Open cable 🞎 Plenum 🞎 Via cable tray 🞎 Box/stub 🞎 Ring & String
5. \_\_\_\_\_\_\_ 🞎 Conduit 🞎 Open cable 🞎 Plenum 🞎 Via cable tray 🞎 Box/stub 🞎 Ring & String
6. \_\_\_\_\_\_\_ 🞎 Conduit 🞎 open cable 🞎 Plenum 🞎 Via cable tray 🞎 Box/stub 🞎 Ring & String
7. Support 🞎 Tie wraps 🞎 J-hooks 🞎 Cable tray 🞎 Other 🞎 Conduit to cable

**ESTIMATE SET-UP PACKAGE**

**PROJECT MANAGER’S ESTIMATING CHECKLIST**

Trade Responsibilities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ITEM | F.B.E. | I.B.E | F.B.O. | I.B.O. |
| Temporary Electrical | 🞎 | 🞎 | 🞎 | 🞎 |
| Excavation and Backfill | 🞎 | 🞎 | 🞎 | 🞎 |
| Concrete Encasement | 🞎 | 🞎 | 🞎 | 🞎 |
| Pole Bases | 🞎 | 🞎 | 🞎 | 🞎 |
| Man and Hand Holes | 🞎 | 🞎 | 🞎 | 🞎 |
| Equipment Pads | 🞎 | 🞎 | 🞎 | 🞎 |
| Primary Pad | 🞎 | 🞎 | 🞎 | 🞎 |
| Primary Raceway | 🞎 | 🞎 | 🞎 | 🞎 |
| Primary Cable | 🞎 | 🞎 | 🞎 | 🞎 |
| Primary Transformer | 🞎 | 🞎 | 🞎 | 🞎 |
| Control Wiring | 🞎 | 🞎 | 🞎 | 🞎 |
| Interlock Wiring | 🞎 | 🞎 | 🞎 | 🞎 |
| Instrument Wiring | 🞎 | 🞎 | 🞎 | 🞎 |
| Starters | 🞎 | 🞎 | 🞎 | 🞎 |
| Disconnects | 🞎 | 🞎 | 🞎 | 🞎 |
| V.F.D. | 🞎 | 🞎 | 🞎 | 🞎 |
| Pitch Pockets | 🞎 | 🞎 | 🞎 | 🞎 |
| Access Panels | 🞎 | 🞎 | 🞎 | 🞎 |
| Fixture Seismic Supports | 🞎 | 🞎 | 🞎 | 🞎 |
| Painting and Drywall | 🞎 | 🞎 | 🞎 | 🞎 |
| Demolition | 🞎 | 🞎 | 🞎 | 🞎 |
| Coordination Drawings | 🞎 | 🞎 | 🞎 | 🞎 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |