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CONTRACT ANALYSIS PROCEDURES

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1. GENERAL

1.01 This Section outlines procedures for the analysis of Western Electric (WE) Company proposals and supplements thereto for Central Office Equipment work and entirely replaces BSP 790-100-410.

1.02 This Section includes procedures for processing proposals and supplements thereto under the WE Installation Contract Estimating (ICE) system.

1.03 Refer to WE Account 725 billing procedures, Section 790-100-415SW, for more information on mechanized billing spread procedures.

2. WESTERN ELECTRIC COMPANY PROPOSALS

2.01 The Western Electric Company basic business agreement with the Telephone Companies is the Standard Supply Contract. The general terms and conditions not specifically provided for in the Standard Supply Contract are stated in the WE Price List Preface.

2.02 The general conditions specified in the WE Price List Preface are part of any contract proposal and describe the items which are the responsibility of WE and those which are the responsibility of the Telephone Company.

2.03 Western Electric's prime point of contact for proposals in Southwestern Bell is the Southwestern Region Contract, Billing and Accounting (CBA) organization.

2.04 Upon receipt of an order from the Telephone Company, WE will normally issue a proposal covering the costs of the work. If accepted by the Telephone Company, the proposal becomes a Contract.

2.05 When the job is handled on a Western Electric Engineered (WEE) basis, proposals covering WE furnished material, engineering and installation are usually issued. In the case of Telephone Company Engineered (TCE) orders, WE will furnish the material on a noncontract unit cost basis and will issue a proposal covering only the installation work performed by WE.

2.06 The individual proposals for WE furnished material, engineering and installation work applicable to a particular order are summarized on Form GN-169, Telephone Central Office Proposal (Fig. 1).

2.07 Western Electric Company will issue the following forms, as appropriate, to the Telephone Company involved, covering the costs of work required:

Form	Title
GN-169	Telephone Central Office Proposal
GN-169-A	Supplement A - Material
GN-169-B	Supplement B - Equipment Specifications
GN-169-C	Supplement C - Installation
GN-170	Supplementary Telephone Central Office Proposal

2.08 As prescribed in the Engineered Order Manual (EOM) contract proposals will be forwarded to the Telephone Company:

- (a) Seven days prior to the main scheduled ship date for WEE orders.
- (b) Twelve days prior to the scheduled installation start date for TCE orders.

2.09 The Telephone Company will accept, or reject, the proposal within 30 calendar days of its issuance. WE will grant 30-day extensions of this period upon request from the Telephone Company should unusual circumstances prevent this requirement from being met provided all interested organizations are agreeable. Requests for extensions shall be directed to the Western Electric Company Southwestern Region Contracting, Billing and Accounting (CBA) Organization.

MATERIAL PROPOSALS

2.10 As prescribed in the EOM, a proposal will be submitted for each WEE order where the value of material is \$2,500 or more except:

- (a) When an agreement is reached between the Telephone Company and WE to submit proposals for material valued at \$250 or more.
- (b) On Turnkey orders, proposals will be submitted when the material value is \$250 or more.

2.11 Form GN-169-A, Supplement A - Material (Fig. 2) is issued by WE for each WEE order and summarizes the price of material by WE specification numbers. If the total price of the material is as defined in 2.10 (a) and (b), the Form GN-169-A is a Contract material proposal and the total material price is entered on Form GN-169, Telephone Central Office Proposal (Fig. 1) in the Material space.

2.12 When the material value is less than \$2,500 and not covered by the exceptions in 2.10(a) and (b), the order is considered to be Noncontract with no entry being made on Form GN-169 in the Material space.

2.13 To support the proposal, a priced Summary of Material, Form SD-43-300 (Fig. 6) for each WE specification is furnished to the Telephone Company with the contract proposal at the time shown in Paragraph 2.08. This summary shows the quantity and description of each item to be provided, unit prices, total prices, accounting codes and property record information. A Summary of Material will also be provided for nonproposal WEE orders.

2.14 Prices included in the proposal are those anticipated to be in effect on the scheduled main ship date. Only material shipped from WE factories and outside suppliers is included in the proposal. Material from Distributing House stocks is billed directly to the Telephone Company and is not included in the proposal. However, these monies do receive percentage distribution under account 725 billing (See Section 790-100-415SW). Prices for Telephone Company furnished material are not included in the proposal.

ENGINEERING PROPOSALS

2.15 Form GN-169-B, Supplement B - Equipment Specifications (Fig. 3) is issued for each WEE order to cover the cost of preparing the specifications and drawings required for the job. The total WE engineering price is entered on Form GN-169 in the Equipment Specifications space when the material is furnished on a Contract basis. If the material is furnished on a Noncontract basis, the engineering is also Noncontract and no entry is made on Form GN-169 in the Equipment Specifications space.

INSTALLATION PROPOSALS

2.16 Form GN-169-C, Supplement C - Installation (Fig. 4) is issued for a WEE or TCE order to cover the cost of installation. Installation proposals are based on either WE specifications (WEE orders) or the Telephone Equipment Orders (TCE orders).

2.17 The type of installation proposal submitted to the Telephone Company is based on the number of standard hours required to accomplish the order. The types are listed here.

A. CONTRACT

2.18 This type of proposal is used for orders which require more than 350 standard hours. The total price is entered on Form GN-169 in the Installation space.

B. FIRM PRICE

2.19 This type of proposal is used for orders which are estimated to require 350 standard hours or less. The words Firm Price are entered at the top center of Form GN-169-C. No installation price is entered on Form GN-169; however, the total price is entered on Form GN-169 when applicable.

C. INCURRED COST

2.20 This type of proposal is limited to those jobs involving unusual circumstances such as emergency jobs to restore service following a disaster, emergency jobs to provide special service requests of governmental agencies, jobs involving extremely complex transitions or modifications and complete office removals. In each of these cases, existing standards do not apply. The words Incurred Cost are entered at the top center of Form GN-169-C. No installation price is entered on Form GN-169.

2.21 Western Electric Company utilizes a system referred to as the Installation Contract Estimating (ICE) system to develop installation costs. Under the ICE system, the costs for the installation of items provided in the B and C sections of WE specifications on WEE orders are estimated by computer. Estimates for narrative work items in the A section of WE specifications and estimates for various allowances are prepared manually. The cost of the installation for TCE orders may be estimated by computer or manually as decided by the Installation Estimating Supervisor. Details of estimating procedures are covered in Western Electric Company Handbook 151, Section 300.

2.22 A copy of the Installation Estimate Summary, Form SD-4-151-S (Fig. 7) is furnished to the Telephone Company with the proposal. In addition, copies of the following forms, as applicable for the particular job, are furnished to provide details of the cost.

FORM SD-4-151, INSTALLATION ESTIMATE SHEETS (FIG. 8)

2.23 These are computer printouts of the cost of installation of the items in the B and C sections of WE specifications (for which WE identification is assigned). These printouts are also furnished with proposals for TCE orders when the installation is estimated by the computer.

FORM SD-4-151A, "A" SECTION NARRATIVE WORK ITEM SHEETS (FIG. 9)

2.24 These sheets are preprinted to show specific circuit and equipment arrangements and are used for manually estimating the narrative work items in the A section of the specification.

FORM SD-4-151B, INSTALLATION ESTIMATE WRITE-IN SHEETS (FIG. 10)

2.25 These sheets are used for manually estimating the cost for the installation of items not estimated by the computer on Form SD-4-151 or provided for on work sheets SD-4-151A or SD-4-151M. This will include:

- (a) Small TCE orders.
- (b) Appendices, Job Information Memorandums, Change Notices, etc.
- (c) Outside suppliers equipment.
- (d) All discrepancies generated by the computer.
- (e) Exceptional job conditions.
- (f) Customer special requests.

FORM SD-4-151M, SPECIFIC MODIFICATION SHEETS AND NONSPECIFIC MODIFICATION SHEETS (FIG. 11)

2.26 These sheets are used for manually estimating modifications in the A section of the specifications. (Also see 3.24 through 3.26).

NONCONTRACT AND FIRM PRICE PROPOSALS

2.27 If the price of the material on a job is Noncontract (less than \$2,500) and if the installation is Firm Price (350 or fewer standard hours), Form GN-169 will not be issued. However, material and engineering costs will still be furnished to the Telephone Company on Forms GN-169-A and GN-169-B, respectively. Any additional material or engineering furnished subsequent to the issuance of GN-169-A and GN-169-B is billable. The installation cost will be provided to the Telephone Company on Form GN-169-C and noted Firm Price as described previously.

SUPPLEMENTARY PROPOSALS

2.28 A Supplementary Telephone Central Office Proposal, Form GN-170 (Fig. 5) may be issued to cover requirements for

material, engineering and/or labor authorized by the Telephone Company but not included in the original proposal. The supplementary proposal is assigned the same number as the original except that it will be followed by a numerical suffix, i.e., -1, -2, -3, etc. Copies of Form GN-169-A and priced material summary sheets, Form SD-43-300, will be issued as covered in 2.11 through 2.14 for material if received by WE 35 days prior to main ship date. (See 3.03.) Copies of Form GN-169-C and copies of forms described in 2.22 through 2.26 that are applicable to the particular supplement will be issued for labor.

2.29 Supplementary proposals are generally issued under the following conditions.

(a) Where a change in the value of material totals \$2,500 or more.

(b) When a change in work involved represents eight or more standard hours.

In some cases, the above conditions may be modified to reduce the number of supplementary proposals. For example, WE Installation Handbook 152, Section 500, outlines procedures whereby changes in installation work of the above proportions may be submitted on an Installation Supplementary General Letter, Form SD-4-151-S (Fig. 7). Then, near the end of the job, the total of supplementary serial estimates will be covered by a single Supplementary Proposal.

2.30 The type of supplementary proposal submitted should be the same as that used for the original proposal.

3. PROPOSAL ANALYSIS

3.01 A review shall be made of each WE proposal (Contract, Noncontract, Firm Price or Supplementary) by comparing it with the Telephone Company authorization, Telephone Equipment order, and WE specifications covering the job undertaking. Each proposal shall be thoroughly examined to:

- (a) Determine the accuracy and reasonableness of the charges as compared to the Telephone Company authorization.
- (b) Verify the types, quantities and prices of the major items of plant ordered and the cost of installation and equipment specification work.
- (c) Review the charges and other expenditures for allocation to the proper accounting codes. Authorize any new account codes needed by issuing a revised SN4C (Refer to Section 790-100-415SW).
- (d) Show a comparison by accounting codes between the authorized and probable amounts for all WE billing.
- (e) Show any changes in plans that would affect the total and classification provided in the authorization or specifications.
- (f) Determine if the authorized expenditures are adequate and whether or not supplemental authorization will be required. (Refer to Section 790-100-310SW).
- (g) Redistribute, if appropriate, WE billing to the proper accounting codes as reflected in the proposal. Mark the contract for clerical summarization and issuance of a revised SN4C. (Refer to Section 790-100-310SW - Central Office Equipment Specific Estimate, Routine Estimate and Work Order Preparation, and Section 790-100-415SW, Distribution of Billing and other Charges 725 Billing).
- (h) Update the money on the job record sheet to reflect the best view based on the contract analysis so that the construction budget and maintenance budget will be as accurate as possible.

ANALYSIS PROCEDURES - GENERAL

3.02 The total WE proposal price should be immediately checked to determine if the Telephone Company authorization will be over or underspent so as to require a Supplemental Estimate (or authorization, see Section 790-100-310SW). If a supplement appears necessary, as the detailed analysis proceeds, make notes that will aid in writing the Supplemental Estimate.

3.03 The job file should be reviewed to determine that all Telephone Company appendices or changes and associated costs are included in the analysis. The analysis should assure that all correspondence prior to the cutoff date (35 days before main scheduled ship date) is included in the proposal.

SPECIFICATION REVIEW

3.04 A review shall be made of WE specifications, comparing the major items furnished to the items specified in the Telephone Equipment Order to determine if they agree.

3.05 Discrepancies found in WE specifications shall be resolved with the WE engineer. Sufficient notations regarding the particular items involved shall be placed in the job folder to insure proper follow-up concerning further corrective action and application of billing.

MATERIAL PROPOSAL ANALYSIS

3.06 Western Electric Company will issue copies of the priced-out B Section, Summary of Material, Form SD-43-300 (Fig. 6) for WEE orders to the Telephone Company with the proposal for the job as outlined in 2.08. These summaries provide the basis for reviewing the material proposal (form GN-169-A). These summaries show the quantity and description of each item to be billed, unit price, total price and AT&T account code classification information. Account codes and property

record numbers are assigned to items on the Form SD-43-300 to agree with the Catalog of Property Records.

3.07 A review shall be made of the priced-out B Sections of the WE specification to determine if there are omissions, duplications or errors in the prices or price extensions. The units of equipment shall be checked for quantities, cost and classification in sufficient detail to insure that the required material is provided. The total price of material shown in the B Section of WE specification shall be compared to the cost of the material shown on Form GN-169-A for the related sections to determine if the amounts agree.

3.08 While making the review, as covered in 3.07, the priced-out B Sections shall be edited for proper account code classification. Codes shown improperly or incompletely, such as nonproperty record items, shall be marked correctly in the B Sections. If more than one area, authorization number and account code are involved, the appropriate accounting information shall be written beside the related items. The cost of the material in the B Sections shall be summarized by area, authorization number and account code. Items includeable in Memorandum Records should be clearly identified to the proper Division of Revenue (DR) category and reported to the Inventory and Cost Engineer (see Section 790-100-905SW). Test sets and plug-in unit costs must be segregated from hardwired equipment.

3.09 The determination of the correct accounting code for material items furnished as a result of a modification should be as follows:

CODE	EQUIPMENT
C	Property Record Item
C	Property Record Supplemental Items
M	Maintenance Items (99604)
M	Nonproperty Record Items
M	(99999 or unidentified)

NOTE: These items may or may not show a preprinted account code. Regardless of the code shown, when these items are replacements for nonproperty record items listed in the A Sections of the WE Company specification, under List of Removed or Disconnected Material and Replaced Material, the charge should be the M code, unless betterment accounting applies. When no replacement is involved, the charge should be to the C code. See Accounting Handbook Telephone Plant, Section V27.301.1, Part 3, for more information on classifications.

3.10 Material costs shown on Form GN-169-A (Fig. 2) should be separated by accounting codes and a check made to insure that the costs, as separated, are in basic agreement with those estimated in the authorization. If they are not in basic agreement, a detailed check should be made to determine if the Telephone Company authorization, the WE proposal, or both, are the source of the difference. Appropriate corrective action should be taken.

3.11 Discrepancies in pricing shall be resolved with the WE Regional CBA Organization. Discrepancies that do not affect the contract pricing shall be resolved with the WE engineer.

INSTALLATION PROPOSAL ANALYSIS

3.12 The installation proposal (Form GN-169-C) is substantiated by installation labor detail sheets that are prepared by WE's Installation Department and forwarded with the proposal as outlined in 2.22 through 2.26. All major work units should be accounted for and any discrepancies should be referred to WE.

3.13 The installation price shown in the proposal plus expected supplementary billing for excluded items and directly

charged items summarized by account code should be compared with the amount shown in the Telephone Company authorization. When they are not in basic agreement, check to determine the reason. Appropriate corrective action should be taken.

3.14 Proposals or Estimates for installation effort will be prepared by WE utilizing new standard hour values and techniques required for their application (ICE). These will be expressed in terms of dollars only. Details will be furnished by main drawing and lists or groups, apparatus, etc, included in each equipment specification for cabling operations and for modification effort as supporting data for each proposal. Distribution of charges for noncontract effort should be made by the Telephone Company as follows:

- (a) Night work, overtime rentals, services, etc, should be prorated to all account codes.
- (b) Hauling, hoisting, and storage charges should be prorated to the C account codes.

3.15 An installation proposal and supporting documents may consist of

- GN-169-C - Supplement C-Installation
- SD-4-151-S - Installation Estimate Summary
- SD-4-151 - Equipment, Non-Equipment and Cable Estimates
- SD-4-151A - "A" Section Narrative Work Items
- SD-4-151B - Installation Estimate Write-In Sheet
- SD-4-151M - Specific or Non-Specific Modifications

3.16 The installation proposal and supporting documents should be checked in sufficient detail to identify any significant omissions, duplications or errors in the pricing and also that all charges are

appropriate and reasonable for the work being done.

3.17 While making the review as covered in 3.16, the installation price shown on each separate entry shall be assigned to the proper account codes based on the work covered by that item. When all items have been reviewed, a summary shall be made of totals by account codes obtained from this procedure.

3.18 Any items such as standard allowances, adjustment factors, etc., that are listed in the Installation Estimate Summary (Form SD-4-151-S) and are not supported by detail worksheets may be prorated based on the distribution of prices as obtained in 3.17, if these operations cannot be assigned directly to an account code. This same procedure applies to non-contract items listed on Form GN-169-C, Supplement C - Installation.

3.19 Proposals for installation effort will be prepared by WE utilizing new standard hour values and techniques required for their application (ICE). These will be expressed in terms of dollars only. Details will be furnished by main drawing and lists or groups, apparatus, etc., included in each equipment specification for cabling operations and for modification effort as supporting data for each proposal.

3.20 The Installation Estimate Summary Sheet (SD-4-151-S) will be used to summarize the details. (See Fig. 8, Sheet 1.)

3.21 Equipment, Nonequipment and Cable Estimates-Form SD-4-151 (Fig. 8): Installation price based upon equipment and nonequipment items listed in the summary of material section of specifications will be identified by:

(a) Specification Number (Top right corner of Form SD-4-151)

(b) Main and Alpha Point separately. (Second column from left on Form SD-4-151)

3.22 The installation price for cable as listed in the cable running specifications is summarized by the footage run and the total number of conductor ends connected by the computer by specification.

3.23 Estimates for items assigned a WE identification will be computer generated for WEE and large TCE orders utilizing the material and cable running sections of the specifications. Items not assigned a WE identification or not computer estimated will be estimated on Form SD-4-151B. (See 3.27 and Fig. 10).

3.24 Narrative Work Item Estimates-Form SD-4-151A and B (Fig. 9 and 10): Specific prices have been developed for repetitive narrative work items. Estimates for this type of effort will be furnished on pre-printed work sheets in the SD-4-151A series.

3.25 Labor charges should be distributed to the appropriate C, X, or M account code as indicated by the operation, for example:

- Remove: To X Code
- Relocate: To M code when permanently moved from one location to another, i.e., Bay 101.07 to 103.09.
- Relocate: To C code when temporarily moved (and returned to its original location) to permit C equipment to be added, i.e., open and reclose cable holes.
- Connect: To C code

NOTE: The Western Electric Company classification of work items does not attempt to separate the work by accounting classifications

of "M" and "C". Therefore, work operations on the SD-4-151 sheets labeled connect, disconnect or remove may actually be "M" work. Care should be taken to identify and properly account for these items.

3.26 Estimates for specific and nonspecific modifications will be furnished on SD-4-151M sheets taking into account the type of equipment, the number of figures, apparatus and wiring options involved in the modification. There are two types of modification work sheets as follows:

(a) Specific Modifications (Preprinted or Write-In Sheets) are used to identify modifications with Bell Systems costs per Detailed Change Sheets (DCS), T drawing and Figure, or H, J, or ED group or list.

(b) Nonspecific Modifications sheet is used to identify modifications without a Bell System cost. The modification is priced on an added, and removed, wire end basis.

3.27 Write-In Sheet - Form SD-4-151B (Fig. 10): Items not estimated by computer or provided for on the narrative work items forms will be estimated on Form SD-4-151B. This will include such items as:

- (a) Small TCE orders.
- (b) Change Notices (CN's) and certain Job Information Memorandums.
- (c) Outside Supplier Equipment.
- (d) Exceptional job conditions.

3.28 Advance Turnover Allowance - Will be billed on the basis of the percentage of interval which advance completion is required. Data for analyzing the contract amount is available in the Broad Gauge Price Estimating Guide.

3.29 Secure Cable - This charge is based on the feet of cable to be placed and will be applied where unsecured cabling is

not specified.

3.30 Cable Rack Conditions Allowance: To cover an installer's effort due to abnormal cabling conditions within a building on a system basis. Systems within a building are surveyed and results furnished to the operating company. The cable rack survey will be the only basis for establishing the extent of cabling conditions. The allowance is based on the following:

PERCENT OF CONGESTION FROM CABLE RACK SURVEY REPORT*	FACTOR APPLIED TO RUN SWITCHBOARD CABLE
0-20	0
21-40	10
41-60	32
61-80	67
81-100	115

* Congestion is having less than 12 inches of clearance, i.e., No. of Ft. of congested Rack divided by Total Ft. of Rack times 100 equals the % of Congestion.

3.31 Load and Volume Test: To cover effort associated with providing functions as required on New X-Bar Offices or New Marker Group in an existing office. The charge is based on the number of frames and should be prorated to the appropriate switching "C" codes. Details on this charge are in the General Notes Section of the Broad Gauge Price Estimating Guide.

3.32 Cross Connections: To cover effort to install cross connections per telephone company lists which are not included in the basic installation price of the equipment. These cross connections are usually covered by a supplementary serial letter. The charges are based on point-to-point terminations. When the point-to-point information is not available at the time of contract analysis, an allowance based on engineering judgment should be applied.

- 3.33 Cross connection costs should be charged as follows:
 - (a) To the C codes if associated with new equipment where no replacement of cross connects from existing units is involved.
 - (b) To the M codes when only existing equipment is involved.
 - (c) To the C or X account codes for replacements of cross connections when the replacement involves either different types of switching equipment or different location codes. The replacement work shall be charged to M when both the types of switching machine and location code are the same.

3.34 For further information on Accounting classifications, refer to the Accounting Handbook for Telephone Plant.

3.35 Cable Connect Sheets (CCS) Effort Performed by the Western Electric Engineering Organizations: To remove cost which was included in the computer generated portion of the installation estimate for effort which has been billed by the W.E. engineering organization.

3.36 Job Service: To cover the installer's effort in the performance of functions such as prepare periodic reports, prepare test records, receive check and store tools and supplies, in-process and final inspections, etc.

3.37 This charge will be 6.5% of Line 10 on Form SD-4-151S.

3.38 Method of Procedure: To cover installer's effort for original and supplementary estimates on orders classified as Addition and Partial Removals in the performance of the following functions:

- (a) Analyzation of order to determine the sequence of release and completion of equipment and other specific considerations.

- (b) Preparation of a written agreed-upon method.

3.39 This charge will be 4.6% of Line 10 on Form SD-4-151S.

3.40 Start Up Allowance: To cover the additional installer's effort on all Firm Price Proposals.

3.41 The amount of the allowance is stated in the General Notes section of the Broad Gauge Price Estimating Guide.

ENGINEERING PROPOSAL ANALYSIS

3.42 The reasonableness of the equipment specification charges shown on Form GN-169-B, Supplement B - Equipment Specification (Fig. 3), shall be verified by a comparison with the Telephone Company estimated cost. Acceptance of the cost shall be based on engineering experience and the cost of the equipment specifications for previous jobs of similar size and nature. The "Broad Gauge Price Estimating Guide" may be used as a guide for determining reasonableness of the charges. The WE Southwestern Region CBA Organization shall be contacted for additional details if the charges appear unreasonable.

3.43 The total equipment specification cost shall be apportioned to the appropriate accounting codes on the basis of the amounts developed by the equipment engineer in the authorization preparation or as modified by the equipment engineer after review of the material and installation proposals. Refer to Section 790-100-415SW, Distribution of Billing and Other Charges (725 Billing).

SUPPLEMENTAL PROPOSAL ANALYSIS

3.44 Each Supplementary Proposal should be analyzed in the same manner described in the previous sections to determine its

accuracy and to allocate the charges to the proper accounts. The extent of the analysis varies with the complexity of the Supplementary Proposal.

TELEPHONE COMPANY COSTS

3.45 Although it is not necessary as a part of WE proposal or estimate analysis, Telephone Company costs shall be reviewed as part of the analysis procedure to determine whether adequate authorization has been provided for the undertaking. This review shall include material and supply expenses, plant labor and associated costs, Telephone Company Engineering and associated costs, sales and use tax, interest, etc., based on the best information available at the time of the analysis.

3.46 Information is available to the analyst for estimating Telephone Company charges from the following sources:

(a) Telephone Company Material - Charges from Material Transfer Reports, actual or estimated. Also, charges for C stock, actual billing or estimated.

(b) Telephone Company Engineering - Actual reports from the Ledger Sheets, plus estimated additional charges. This may include other engineering groups such as Traffic or Transmission.

3.47 Telephone Company labor charges, sales and use tax, interest and other charges, should be recalculated if the basis on which they were originally calculated has changed significantly.

4. ACCOUNT ALLOCATION - WE BILLING

4.01 WE billing for central office work will be to Account 725. The Engineering Department must furnish data for allocating this billing to the various account codes to

the Accounting Department. Revised data must be furnished when necessary to "true up" the distribution factors to accurately reflect the work being done (contract analysis, authorization change, etc). Refer to Section 790-100-415SW, Distribution of Billing, for this procedure.

5. CONTROL AND DISTRIBUTION

5.01 For proper control and processing of WE Proposals, the Telephone Company Engineering Department Area Organization shall:

- (a) Receive proposal.
- (b) Verify receipt of WE specifications and appendices covered by the proposal and obtain missing sections.
- (c) Log in and route proposals to the appropriate individuals for processing.
- (d) Make a continuous review to insure all proposals are processed within 30 days of their issuance and that requests for extensions are forwarded to WE when necessary.
- (e) Return proposals to WE when approved or rejected.

5.02 Two signed copies of the Telephone Central Office Proposal, Form GN-169, are received from WE on Contract jobs. After being reviewed, both copies should be signed if approved. The original copy shall be retained in the job folder. The duplicate copy is returned to WE. Two copies of supplementary proposals, Form GN-170, are received and shall be processed in the same manner as the original proposal.

5.03 On WEE jobs which are entirely Non-contract and/or Firm Price, WE does not issue a Form GN-169 or Form GN-170. However, the Telephone Company will receive one copy of Form GN-169-A and two copies of Form GN-169-B and GN-169-C which shall be reviewed in the same manner as proposals for

Contract jobs. These forms require no approval by the Telephone Company. After being reviewed, one copy of each shall be retained in the job folder. On Noncontract TCE jobs, the Telephone Company will receive two copies of Form GN-169-C, which shall be reviewed and retained in the same manner as the two copies of Form GN-169-C received for WEE jobs.

6. PROPOSAL APPROVAL

6.01 The proposal (Contract, Firm Price and Noncontract) after being reviewed by the individual responsible, shall be forwarded with the necessary documentation through the lines of organization for review and approval.

6.02 The level of approval required for the acceptance of a Contract proposal is stated in the Schedule of Authorizations. Proposals shall be returned to the Western Electric Company Southwestern Region CBA Organization.

7. PROPOSAL REJECTION

7.01 Every effort shall be made to resolve any discrepancies found in the proposal and associated WE specifications during the analysis procedure as covered herein. However, any proposal, whether Contract or Noncontract, which is found to be unacceptable shall be rejected. Rejected proposals shall be returned to the group shown in 6.02 and shall be accompanied by a letter signed by the appropriate level of management in Engineering outlining the reasons for rejection. The letter shall also outline any correspondence which may have transpired concerning the rejection.

GN-169 (11-65)		TELEPHONE CENTRAL OFFICE PROPOSAL		
OFFICE	<u>MAIN</u>	PROPOSAL NO.	<u>49586 EE</u>	
CITY AND STATE	<u>STAMFORD, CONN</u>	DATE OF PROPOSAL	<u>4-17-72</u>	
	<u>S.N.E.T.CO.</u>	TELEPHONE EQUIPMENT ORDER NO.	<u>19-3-49940</u>	
DESCRIPTION	Western Electric Company, Incorporated, (hereinafter called the Electric Company) herewith submits its proposal to the <u>S.N.E.T.CO.</u> (hereinafter called the Telephone Company) for telephone central office equipment, apparatus and material (hereinafter collectively called material) for the above office at <u>STAMFORD, CONN</u> , as described by the above Telephone Equipment Order and Appendix No. <u>2</u> as supplemented or modified by the following:			
	(a) Correspondence, if any, received by the Electric Company prior to: <u>2-26-72</u>			
	(b) Supplements <input checked="" type="checkbox"/> A, <input checked="" type="checkbox"/> B, <input checked="" type="checkbox"/> C, attached hereto.			
PRICE	The material, (except that to be provided by the Telephone Company) preparation of equipment specifications [and the installation of said material, including that to be provided by the Telephone Company,] will be furnished to the Telephone Company by the Electric Company at the following prices, in accordance with the terms and conditions herein set forth, and supplements attached hereto:			
	MATERIAL	EQUIPMENT SPECIFICATIONS	INSTALLATION	TOTAL
	<u>\$102,105.03</u>	<u>\$6,207.46</u>	<u>\$23,664.00</u>	<u>\$131,976.49</u>
TAXES, GOVERNMENTAL LEGISLATION OR REGULATIONS	Any tax which the Electric Company is required to pay to or collect for a state or local government upon or with respect to services rendered or the manufacture, sale, use or delivery of material or any part thereof, including taxes upon or measured by the receipts therefrom, will be billed to the Telephone Company as a separate item.			
	If the cost to the Electric Company hereunder is increased as the result of State or Federal Legislation or of decrees, orders or regulations of any agency of a State or the Federal Government, including any subdivision thereof or any agency regularly constituted for administering, supervising or promoting the provisions of any Code of Fair Competition, made effective after the date hereof, billing, may, at the option of the Electric Company, be increased correspondingly.			
BILLING AND PAYMENT	The Telephone Company will be billed in accordance with Section 4 of the Electric Company's Preface to the Price List of Telephone Apparatus to Bell Telephone Companies dated <u>5-1-71</u> (hereinafter referred to as the Preface), as specified in Paragraph 8, Article II of the Standard Supply Contract between the parties hereto.			
INSPECTION AND ACCEPTANCE	The Electric Company will notify the Telephone Company of the completion of the work (or such portions thereof as are ready for inspection) and the Telephone Company shall promptly make such inspection as it deems necessary and shall expedite acceptance of the job. The Electric Company will promptly correct any defects for which it is responsible.]			
PROVISIONS IN BRACKETS	Those valid provisions enclosed in brackets [] are applicable only if a fixed monetary price for installation is provided herein.			
ACCEPTANCE OF PROPOSAL	This proposal shall be void unless accepted and returned to the Electric Company within thirty days from date hereof.			
	When this proposal is accepted and signed by authorized representatives of the Telephone Company and of the Electric Company, it shall constitute a valid and binding contract between the parties hereto.			
	Western Electric Company INCORPORATED			
Preliminary Approval	ASST. MGR. CUST. SERV. STAFF			
(Telephone Company)	By _____			
Accepted this ___ day of _____, 19__	(Telephone Company)			
	By _____			

FIG. 1 - Form GN-169, Telephone Central Office Proposal

GN-169-B(11-65)		NORTHEASTERN REGION	
OFFICE	<u>STAMFORD</u>	W.E. CO. ORDER NO.	<u>049586-EE</u>
CITY AND STATE	<u>STAMFORD</u> <u>CONN</u>	T.E.O. NO.	<u>19-3-49940</u>
SUPPLEMENT B EQUIPMENT SPECIFICATIONS			
INITIAL SPECIFICATION PREPARATION		\$	6,207.46
TELEPHONE COMPANY CHANGES			0.00
TELEPHONE COMPANY SPECIAL REQUESTS			0.00
TOTAL EQUIPMENT SPECIFICATION PREPARATION PRICE		\$	6,207.46
TELEPHONE EQUIPMENT ORDER AND APPENDIX EXCLUSIONS, ADDITIONS AND MODIFICATIONS			
<p>(A) THE TOTAL EQUIPMENT SPECIFICATION PRICE DOES NOT INCLUDE AUTHORIZED EXPENSES ASSOCIATED WITH SPECIAL REQUESTS MADE BY THE TELEPHONE COMPANY.</p>			
DATE	<u>05/17/72</u>	APPROVAL	Original Signed By R. B. McEwen

FIG. 3 - Form GN-169-B, Supplement B - Equipment Specifications

GN-169-C(17-70)

CONTRACT

OFFICE MAIN WE CO. ORDER NO. 49586EE
 CITY AND STATE STAMFORD, CONN. T.E.O. NO. 19-3-49940

SUPPLEMENT C - INSTALLATION

Installation Price \$ 23664.00

Installation shall be subject to and in accordance with the Method of Procedure dated _____, outlining the method of turning working equipment over to the Electric Company's Installers, in the case of additions or modifications.

The terms and conditions specified in the Preface under the heading "General Conditions of Installation" apply to the installation of material except as otherwise hereinafter stated.

The following items defined in the Preface or as otherwise specifically identified are included in the price for installation, except as otherwise indicated by an appropriate letter in the column preceding such items to indicate that they are to be omitted and the reason for such omission. Any and all expense incurred by the Electric Company in connection with items indicated as not being included in the price will be billed to the Telephone Company in addition to the price set forth herein:

<table border="0"> <tr> <td style="width: 15%;">Check Letter (See footnote)</td> <td style="width: 35%;">Item</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Repairs to Buildings on Account of Damage for which Electric Company is Responsible</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Power Conduit</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Frame and Aisle Lighting Details</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Special Protection of Buildings</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Re-clamping and Re-webbing Present Multiple</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>006 SPEC NOTES A & B</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>063 SPEC NOTE A</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> </tr> </table>	Check Letter (See footnote)	Item	<input type="checkbox"/>	Repairs to Buildings on Account of Damage for which Electric Company is Responsible	<input checked="" type="checkbox"/>	Power Conduit	<input type="checkbox"/>	Frame and Aisle Lighting Details	<input checked="" type="checkbox"/>	Special Protection of Buildings	<input checked="" type="checkbox"/>	Re-clamping and Re-webbing Present Multiple	<input checked="" type="checkbox"/>	006 SPEC NOTES A & B	<input checked="" type="checkbox"/>	063 SPEC NOTE A	<input type="checkbox"/>		<table border="0"> <tr> <td style="width: 15%;">Check Letter (See footnote)</td> <td style="width: 35%;">Item</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Readjusting Apparatus</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Re-running Cross-connections</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Cross-connecting Frames Other than M.D.F.</td> </tr> <tr> <td></td> <td style="text-align: center;">PER TEL CO ASSIGNMENT</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Handling Equipment</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Maintenance of Equipment after Submission</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> </tr> </table>	Check Letter (See footnote)	Item	<input checked="" type="checkbox"/>	Readjusting Apparatus	<input type="checkbox"/>	Re-running Cross-connections	<input checked="" type="checkbox"/>	Cross-connecting Frames Other than M.D.F.		PER TEL CO ASSIGNMENT	<input type="checkbox"/>	Handling Equipment	<input checked="" type="checkbox"/>	Maintenance of Equipment after Submission	<input type="checkbox"/>		<input type="checkbox"/>	
Check Letter (See footnote)	Item																																				
<input type="checkbox"/>	Repairs to Buildings on Account of Damage for which Electric Company is Responsible																																				
<input checked="" type="checkbox"/>	Power Conduit																																				
<input type="checkbox"/>	Frame and Aisle Lighting Details																																				
<input checked="" type="checkbox"/>	Special Protection of Buildings																																				
<input checked="" type="checkbox"/>	Re-clamping and Re-webbing Present Multiple																																				
<input checked="" type="checkbox"/>	006 SPEC NOTES A & B																																				
<input checked="" type="checkbox"/>	063 SPEC NOTE A																																				
<input type="checkbox"/>																																					
Check Letter (See footnote)	Item																																				
<input checked="" type="checkbox"/>	Readjusting Apparatus																																				
<input type="checkbox"/>	Re-running Cross-connections																																				
<input checked="" type="checkbox"/>	Cross-connecting Frames Other than M.D.F.																																				
	PER TEL CO ASSIGNMENT																																				
<input type="checkbox"/>	Handling Equipment																																				
<input checked="" type="checkbox"/>	Maintenance of Equipment after Submission																																				
<input type="checkbox"/>																																					
<input type="checkbox"/>																																					

Notes: (A) Not included because not required on this installation.
 (B) Not included because of insufficient information on which to base a price.
 (C) Not included because the Telephone Company will furnish if required.
 (D) Not included because the Telephone Company requests separate billing for this item.

The following items of work, material or facilities normally furnished by the Telephone Company, no provision for which is ordinarily made in the price according to the terms of the Preface, are included in the price hereinabove set forth:

The Electric Company will provide for the following items, which are not included in the price for installation. Any and all expense incurred by the Electric Company in connection with said items will be billed to the Telephone Company in addition to the price herein set forth. For information only, the Electric Company's present estimate of the amount that it will bill the Telephone Company for each of said items is:

Item	Amount		Item	Amount
A-51 OVERTIME ALLOWANCE	948.00		A-55 HAULING, HOISTING	27.00
A-52 NIGHTWORK BONUS	200.00		A-56 WAREHOUSING	14.00
A-54 SERVICES, RENTALS	6.00			

Date March 20, 1972	Approval
------------------------	----------

FIG. 4 - Form GN-169-C, Supplement C - Installation

GN-170 (11-65)		SUPPLEMENTARY TELEPHONE CENTRAL OFFICE PROPOSAL	
OFFICE	<u>MAIN</u>	PROPOSAL NO.	<u>49586 EE-1C</u>
CITY AND STATE	<u>STAMFORD, CONN</u>	DATE OF PROPOSAL	<u>4-24-72</u>
	<u>S.N.E.T.CO.</u>	TELEPHONE EQUIPMENT ORDER NO.	<u>19-3-49940</u>
DESCRIPTION	<p>Supplementing its Proposal No. <u>49586 EE</u> dated <u>4-17-72</u> submitted to the <u>S.N.E.T.CO.</u> (hereinafter called the Telephone Company) for telephone central office equipment, apparatus and material for the above office at <u>STAMFORD, CONN.</u>, the Western Electric Company, Incorporated (hereinafter called the Electric Company) herewith submits this supplementary proposal to the Telephone Company for additional telephone central office equipment, apparatus and material (hereinafter collectively called material), preparation of equipment specifications, [and the installation of said material, including that to be furnished by the Telephone Company] as described in Supplements <input type="checkbox"/> A, <input type="checkbox"/> B, <input checked="" type="checkbox"/> C, attached hereto.</p>		
PRICE	<p>The additional material, (except that to be provided by the Telephone Company) preparation of equipment specifications [and the installation of said material, including that to be provided by the Telephone Company] will be furnished to the Telephone Company by the Electric Company at the following prices, in accordance with the terms and conditions herein set forth, and supplements attached hereto:</p>		
	MATERIAL	EQUIPMENT SPECIFICATIONS	INSTALLATION
	\$ _____	\$ _____	\$ <u>1544.00</u>
			TOTAL \$ <u>1544.00</u>
PROVISIONS IN BRACKETS	<p>Those valid provisions enclosed in [] are applicable only if a fixed monetary price for installation is provided herein.</p>		
ACCEPTANCE OF SUPPLEMENTARY PROPOSAL	<p>This supplementary proposal shall be void unless accepted and returned to the Electric Company within thirty days from the date hereof.</p> <p>When this supplementary proposal is accepted and signed by authorized representatives of the Telephone Company and of the Electric Company, it is agreed that it shall constitute a part of the proposal hereinbefore mentioned and that the terms and conditions of the said proposal shall apply to this supplementary proposal except as otherwise provided herein.</p>		
Preliminary Approval			
	_____	By _____	
(Telephone Company)			
Accepted this ___ day of _____, 19 _____		_____	
		(Telephone Company)	
		By _____	

FIG. 5 - Form GN-170, Supplementary Telephone
Central Office Proposal

SUMMARY OF MATERIAL TELCO COPY

HOUSE		OFFICE		SHIP DATE	SYS	ORDER	SPEC	APPEND	PAGE	* THIS SUMMARY INCLUDES ALL APPENDICES FROM 1 THROUGH THE NUMBER SHOWN * UNLESS OTHERWISE SPECIFIED		
CONN		319		STAMFORD	04/01/72	1E	49586EE	065	03		7	
TOWN		STATE	CUST. NO.		OF							
STAMFORD		CONN	19-3-49940		551 01						03/08/72	
SOURCE	ITEM MAIN	POINT	NOTE	QUANTITY ORDERED	DESCRIPTION		PRICE EACH * *	TOTAL PRICE	ACCTG CODE	EQUIP CAT	UNIT NO.	PRC
H49	15	B		1	L-11		166.00	166.00	57C	962	31994	1
			C		NEG 130V GIA. 2A		976.00	976.00				
H49	15	C		1	L-G			INC	57C	009	31982	2
H49	15	D		1	L-G			INC				
H49	15	E		1	L-R			INC				
H49	15	F			NOT USED			.00				
H49	15	G		1	L-U C/C		1.15	1.15	57C	009	31982	2
ITEM TOTAL								3340.15				
-	16			1	J86883A	L-A	10	1.80	57C	999	99999	9
			C		NAMEPLATE							
					PBD 005.5							
					CONS OF							
-	17			2	J86883A	L-D	10	25.80	57C	999	99999	9
			C		MTG DET							
					PBD 005.5							
					CONS OF							
H49	18		LD	1	J86834A	L-5	40	14481.00	77C	975	16918	1
			C		RING & TONE POWER PLANT							
					RT-C							
					E/W							
H49	18	A		1	L-7		614.00	614.00	77C	975	16918	2
H49	18	B		1	L-9		467.00	467.00	77C	975	16918	2
H49	18	C		1	L-F			INC	77C	975	16918	2
H49	18	D		1	L-G			INC	77C	975	16918	2
H49	18	E		1	L-H			INC	77C	975	16918	2
H49	18	F		1	L-J			INC	77C	975	16918	2
H49	18	G		1	L-K			INC	77C	957	16918	2

FIG. 6 - Form SD-43-300, Summary of Material - TELCO Copy

SD-4-151-S (8-70)



ORIGINAL EST.	<input type="checkbox"/>
SUPL. EST.	<input type="checkbox"/>
SERIAL NO.	

INSTALLATION ESTIMATE SUMMARY

LINE	AREA	SUPV. AND ORGANIZATION NO.	ORDER NO.
	TOWN, STATE, OFFICE		ISSUE DATE
1	COMPUTER ESTIMATED-EQUIPMENT AND CABLE	(SD-4-151)	\$
2	NARRATIVE WORK ITEMS	(SD-4-151-A&M)	
3	WRITE-IN SHEET(S)	(SD-4-151-B)	
4	ADVANCE TURNOVER ALLOWANCE		
5	SECURE CABLE		
6	CABLE RACK CONDITIONS ALLOWANCE		
7	LOAD AND VOLUME TEST (NEW X BAR OR NEW MKR. GRP. IN EXISTING OFFICE)		
8	CROSS CONNECTIONS		
9	C.C.S. EFFORT (#5 X-BAR AND X-BAR TANDEM)		
10	SUB-TOTAL (LINES 1 TO 9)		
11	JOB SERVICE		
12	METHOD OF PROCEDURE (ADDITION JOBS AND PARTIAL REMOVALS ONLY)		
13	TOTAL (LINES 10 TO 12)		
14	TOTAL INCLUDES START UP ALLOWANCE (APPLY TO SMALL JOBS ONLY)		
15	TOTAL INCLUDES COMMERCIAL DIFFERENTIAL		
16			

SEE PARAGRAPH

- 3.20 - 3.23
- 3.24 - 3.26
- 3.27
- 3.28
- 3.29
- 3.30
- 3.31
- 3.32 - 3.34
- 3.35
- 3.36 - 3.37
- 3.38 - 3.39
- 3.40

SUPPLEMENTARY ESTIMATE INFORMATION				
TYPE OF SUPPL.	<input type="checkbox"/> STD. COST <input type="checkbox"/> INC. COST	SUPP. AUTH: DATE		LETTER DATED
JIM NOS:		SPEC.	APP.	OTHER
		SPEC.	APP.	
SD-3-850 DATED		SPEC.	APP.	OTHER ENG. INFORMATION, DESCRIBE:
		SPEC.	APP.	
<input type="checkbox"/> EXCLUDED FROM ORIG. PROP.		SPEC.	APP.	
BRIEF DESCRIPTION OF WORK INCLUDED:				

PREPARED BY _____ APPROVED BY _____

FIG. 7 - Form SD-151-S, Installation Estimate Summary (Sheet 1 of 2)

SD-4-151-S (8-70)



INSTALLATION ESTIMATE SUMMARY

ORIGINAL EST.	<input checked="" type="checkbox"/>
SUPPL. EST.	<input type="checkbox"/>
SERIAL NO.	

LINE	AREA	SUPV. AND ORGANIZATION NO.	ORDER NO.
	<i>CONN</i>	<i>C55 1522</i>	<i>49586EE</i>
	TOWN, STATE, OFFICE		ISSUE DATE
	<i>STAMFORD, CONN, MAIN</i>		<i>3-15-72</i>
1	COMPUTER ESTIMATED-EQUIPMENT AND CABLE (SD-4-151)		\$ <i>20,976.25</i>
2	NARRATIVE WORK ITEMS (SD-4-151-A&M)		
3	WRITE-IN SHEET(S) (SD-4-151-B)		<i>323.92</i>
4	ADVANCE TURNOVER ALLOWANCE		
5	SECURE CABLE		
6	CABLE RACK CONDITIONS ALLOWANCE		
7	LOAD AND VOLUME TEST (NEW X BAR OR NEW MKR. GRP. IN EXISTING OFFICE)		
8	CROSS CONNECTIONS		
9	C.C.S. EFFORT (#5 X-BAR AND X-BAR TANDEM)		
10	SUB-TOTAL (LINES 1 TO 9)		<i>21,300.17</i>
11	JOB SERVICE		<i>1,384.51</i>
12	METHOD OF PROCEDURE (ADDITION JOBS AND PARTIAL REMOVALS ONLY)		<i>979.80</i>
13	TOTAL (LINES 10 TO 12)		<i>23,664.48</i>
14	TOTAL INCLUDES START UP ALLOWANCE (APPLY TO SMALL JOBS ONLY)		
15	TOTAL INCLUDES COMMERCIAL DIFFERENTIAL		
16			

SUPPLEMENTARY ESTIMATE INFORMATION				
TYPE OF SUPPL.	<input type="checkbox"/> STD. COST <input type="checkbox"/> INC. COST	SUPP. AUTH: DATE	TEL. CO. AUTH.	LETTER DATED
JIM NOS:		SPEC. APP. SPEC. APP.		OTHER
SD-3-850 DATED		SPEC. APP. SPEC. APP.		OTHER ENG. INFORMATION, DESCRIBE:
<input type="checkbox"/> EXCLUDED FROM ORIG. PROP.		SPEC. APP.		
BRIEF DESCRIPTION OF WORK INCLUDED:				
PREPARED BY <u><i>J.R. Day</i></u> APPROVED BY <u><i>D.R. Westcom</i></u>				

FIG. 7 - Form SD-151-S, Installation Estimate Summary
(Sheet 2 of 2)

SD4-151

NORTHEAST REGION CONNECTICUT AREA 1522C
 03-06-72 MSD: 04-01-72 ASC: 1522C
 10 NEW - NO. 1 ESS STAMFORD

ESTIMATE
 EQUIPMENT
 CONN STAMFORD

049586EE
 065 APPX 03
 002

CUSTOMER COPY										PRICE
ITEM	9	J86470AD	1	L1	QTY	1	111A PWR PLNT	FRAME		\$ 000
ITEM	9 F	J86470AD	1	LA	QTY	1	111A PWR PLNT	APPARATUS		\$ 204
ITEM	10	J87261 B	1	L2	QTY	1	CHARGING EQUIP	FRAME		\$ 000
ITEM	10 A	J87261 B	1	L5	QTY	2	CHARGING EQUIP	APPARATUS		\$ 000
ITEM	10 B	J87261 B	1	L6	QTY	1	CHARGING EQUIP	APPARATUS		\$ 000
ITEM	10 E	J87261 B	1	LW	QTY	1	CHARGING EQUIP	APPARATUS		\$ 295
ITEM	11	J87261 B	1	LB	QTY	1	CHARGING EQUIP	APPARATUS		\$ 1937
ITEM	12	J87261 B	1	LM	QTY	4	CHARGING EQUIP	APPARATUS		\$ 1122
ITEM	13	J86617 H	1	LB	QTY	1	PWR SUPPLY	APPARATUS		\$ 2515
ITEM	14	J86617 H	1	LC	QTY	1	PWR SUPPLY	APPARATUS		\$ 578
ITEM	15	J86883 A	1	L1	QTY	1	7 FT CAB MTG	FRAME		\$ 000
ITEM	15 A	J86883 A	1	L8	QTY	1	7 FT CAB MTG	APPARATUS		\$ 000
ITEM	15 B	J86883 A	1	L11	QTY	1	7 FT CAB MTG	APPARATUS		\$ 000
ITEM	15 G	J86883 A	1	LU	QTY	1	7 FT CAB MTG	APPARATUS		\$ 000

FIG. 8 - Form SD-4-151, Installation Estimate Computer Printout

SD-4-151A (8-69)



"A" SECTION NARRATIVE WORK ITEMS

COMMON EQUIPMENT-ALL SYSTEMS

INSTALLATION ESTIMATE
 WORK SHEET A-1
 ISSUED 11/13/70
 REPLACES 2/1/70

LINE	SPEC	WORK ITEM	NOTE	OPERATION	EST'G UNIT	QTY. OF EST'G UNITS	AMOUNT \$
						A	
1	-26			ASSIGN: ADDED CKT ON EXISTING TUR	CKT		
2	005		I	CHANGE: AUXILIARY FRAMING OR CABLE RACK	FOOT		
3	006		I	LADDER TRACK	FOOT		
4	VAR			MODIFY: SEE VOLUME II, SECTION I, PART SMA			
5	-26			RECABLE: REARRANGE CKT ON EXISTING TUR - USING SWBD CABLE	CKT		
6	005			RELOCATE: AISLE PILOT	AISLE PILOT		
7	006			DPTS OR SDPTS - FROM OR TO TEMPORARY LOCATION	DPTS		
8	068 VAR			END GUARD DISTRIBUTING FRAME	END GUARD		
9				END GUARD-OTHER THAN DISTRIBUTING FRAME	END GUARD		
10				FRAME SPACE CLOSING DETAIL	FRAME SPACE		
11	VAR			FUSE HOLDER IN END GUARD	HOLDER		
12				GUARD RAIL CLOSING DETAIL	DETAIL		
13	017			REMOVE: 1A LINE CONCENTRATOR CONTROL UNIT	UNIT		
14				AUXILIARY FRAMING	FOOT		
15	VAR			CABLE RACK	FOOT		
16	-26			CIRCUIT ON EXISTING TUR FRAME	CKT		
17	068			END GUARD-DISTRIBUTING FRAME	END GUARD		
18	VAR			END GUARD-OTHER THAN DISTRIBUTING FRAME	END GUARD		
						PAGE TOTAL	

NOTES:

I. WORK ITEM MAY READ "REARRANGE" OR "RELOCATE".

FIG. 9 - Form SD-4-151A, "A" Section Narrative Work Items

SD-4-151B (8-69)



INSTALLATION ESTIMATE
WRITE-IN SHEET

ISSUED 11/13/70
REPLACES 2/1/70

LINE	SPEC	WORK ITEM	NOTE	OPERATION	ESTIG UNIT	QTY OF ESTIG UNITS	AMOUNT \$
						A	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
PAGE TOTAL							\$

ORDER NO.	AREA	WRITE-IN SHEET	PAGE	OF
-----------	------	----------------	------	----

FIG. 10 - Form SD-4-151B, Installation Estimate Write-In Sheet
(Sheet 1 of 2)

SD-4-151B (8-69)



ISSUED 11/13/70

REPLACES 2/1/70

 INSTALLATION ESTIMATE
 WRITE-IN SHEET

LINE	SPEC	WORK ITEM	NOTE	OPERATION	EST'G UNIT	QTY OF	AMOUNT
						EST'G UNITS	
						A	
1	063	13		Term Connector	CONN	2	4.53
2		14		Cable Connector	CONN	6	13.60
3	064	4		Aircraft Wire 00	Foot	150	57.10
4		36		Conduit, 1 IN Plastic	Foot	185	56.65
5		37		Coupling, 1 IN Plastic	Coupl	2	2.27
6		38		Elbow, 1 IN Plastic	Elbow	3	3.40
7		39		Elbow, 1 IN Plastic	Elbow	10	11.33
8		40		Adapter, 1 IN Plastic	Adapt	2	2.27
9		41		Adapter, 1 IN Plastic	Adapt	2	2.27
10		44		CX Connector	Conn	4	9.06
11		53		RM 658061 Connector	Conn	18	42.01
12		14		RM 508268 Connector	CONN	8	18.13
13		20		RM 508261 Connector	CONN	1	2.33
14	063	35		BAS Duct 400 Amp	Duct	1	39.77
15	064	17-18		Swbd. Ca. in PWR Duct 125+150	Foot	275	59.20
16							
17							
18							
PAGE TOTAL							\$323.92

ORDER NO. 49586	AREA CONN.	WRITE-IN SHEET	PAGE 2 OF 2
-----------------	------------	----------------	-------------

 FIG. 10 - Form SD-4-151B, Installation Estimate Write-In Sheet
 (Sheet 2 of 2)

SD-4-151M (9-70)



SPECIFIC MODIFICATIONS

NO.1 CROSSBAR

INSTALLATION ESTIMATE
 WORK SHEET SMEA-DCS
 ISSUED 11/13/70
 REPLACES

LINE	SPEC	WORK ITEM	NOTE	EQUIPMENT MODIFIED	EST'G UNIT CKT OR FEAT	QTY OF EST'G UNITS	AMOUNT \$
						A	
1				SUBSCRIBER SENDER LINK <u>CIRCUIT</u>	A20 A21		
2							
3							
4							
5							
6							
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DCS 25004-53 ISS NO. 10
 SHEET 2 OF 2 SHEETS

ORDER NO.	AREA	EWS SMEA-DCS	PAGE	OF
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FIG. 11 - Form SD-4-151M, Specific Modifications
 (Sheet 1 of 2)

SD-4-151M (9-70)



NON SPECIFIC MODIFICATIONS

INSTALLATION ESTIMATE
 WORK SHEET M
 ISSUED 11/13/70
 REPLACES 7/15/70

SYSTEM _____

LINE	SPEC	WORK ITEM	NOTE	DRAWING OR DCS AND FEATURES	EST'G UNIT CKT OR FEAT	QTY OF EST'G UNITS	AMOUNT		
						A	REMOVE	ADD	TOTAL
						NOTE 1	⌘	⌘	⌘
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NOTES:

1. THE QUANTITY TO BE ENTERED IN COLUMN A IS THE QUANTITY AS SHOWN IN WORK ITEM OR WORK ITEMS.

ORDER NO.	AREA	EWS	M	PAGE	OF
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FIG. 11 - Form SD-4-151M, Nonspecific Modifications
 (Sheet 2 of 2)

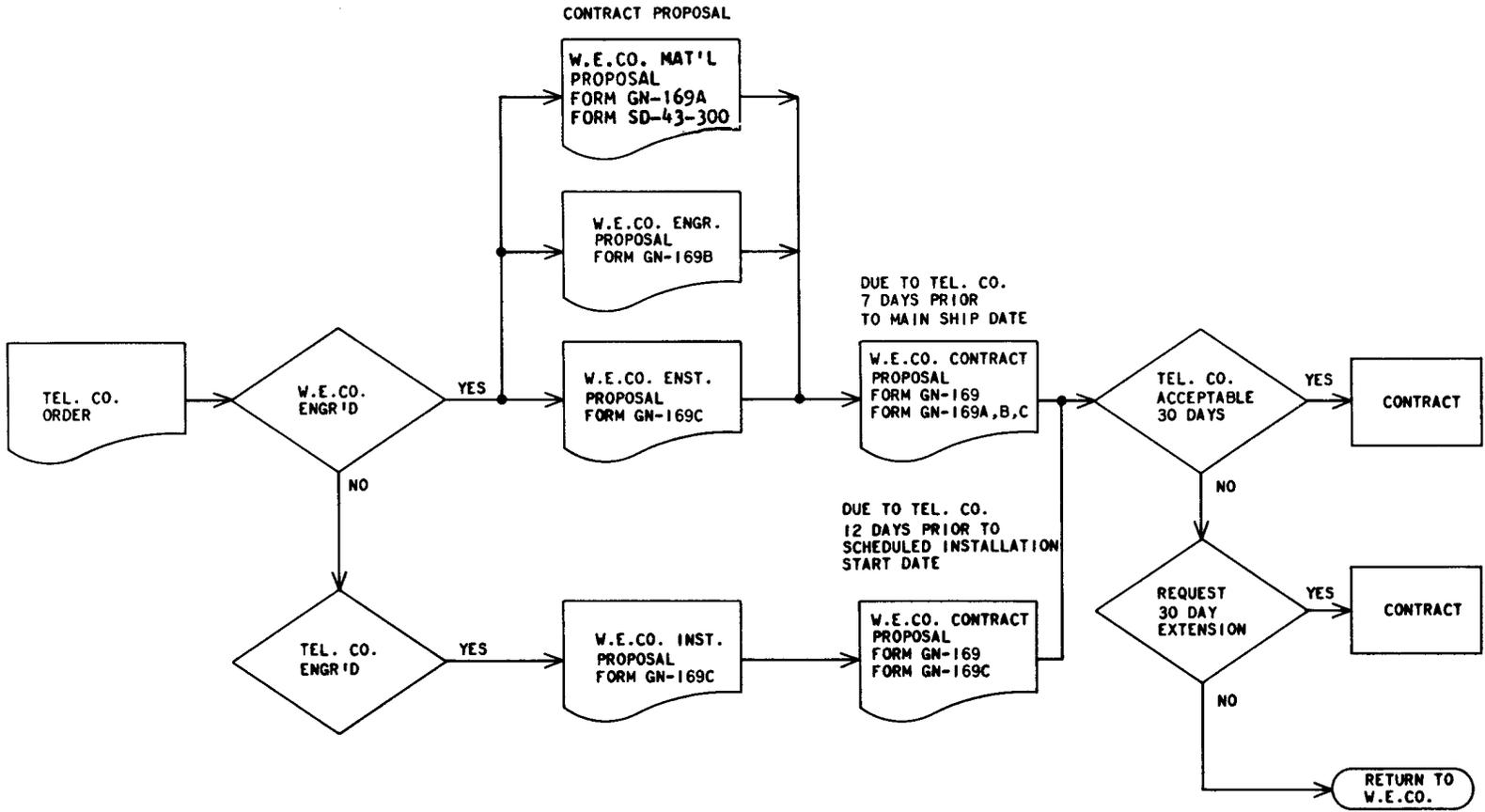


FIG. 12 - Contract Proposal Flowchart