COUNTY COUNCIL of BERKELEY COUNTY, WEST VIRGINIA

Request for Proposal (RFP)
For
Kitchen Cabinets & Countertops
Located at: 802 Emmett Rousch Drive, Martinsburg, WV, 25401

Bid Proposal due no later than
4:00 PM, Wednesday, August 8, 2018

July, 2018
REQUEST FOR PROPOSALS
REGARDING QUALIFICATION AND PRICE PROPOSALS FOR
CABINETS AND COUNTERTOPS

The County Council of Berkeley County, West Virginia (herein referred to as the "County Council" or "Council") is requesting Qualification and Price Proposals from interested parties for **Kitchen Cabinets and Countertops** located at 802 Emmett Rousch Drive, Martinsburg, WV, 25401.

Berkeley County Council (or its designated representatives) will be evaluating submissions to this request and will ultimately select a firm judged to be both responsible and responsive to the request in every way, including having offered the most beneficial, appropriate price proposals. The County Council reserves the right to interview some or all prospective firms to discuss Qualifications & Price Proposals. The format for submittals, information regarding the scope of work, and selection criteria used by the County Council is available from the County Council Office, 400 W. Stephen Street, Suite 201, Martinsburg, WV 25401, or by telephone at 304-264-1923. Inquiries should be directed Tommy Puffenburger, Facilities Director 304-264-1923 Ext 7191.

A Mandatory Pre-Proposal Conference will be held at 10:00 AM on Monday, July 23, 2018 in the Dunn Building, 400 W. Stephen Street, Room 205, Martinsburg, WV, 25401. Attendance at this conference is mandatory for those wishing to submit proposals. Attendees will be taken to the worksite for review.

Three (3) copies of submittals of Qualification & Price information from interested businesses should be enclosed in a sealed opaque envelope marked **“Kitchen Cabinets and Countertops.”** Proposals must be submitted and time-stamped into the County Council Office, 400 W. Stephen Street, Suite 201 Martinsburg, WV, 25401 **no later than 4:00 PM on August 8, 2018.** Failure to provide the required information as requested in the RFP for Berkeley County’s review may result in disqualification.

Proposals will be opened and entered into public record at 10:00 AM on Thursday, August 9, 2018 in the County Council Meeting Room, 400 W. Stephen Street, Room 205, Martinsburg, WV, 25401.

Berkeley County shall make positive efforts to utilize Disadvantaged Business Enterprises for its supplies and services and shall allow these sources the maximum feasible opportunity to compete for contracts. Berkeley County does not discriminate on the basis of race, color, national origin, sex, religion, age or disability for the provision of services.

Berkeley County reserves the right to accept or reject any or all proposals, to waive technicalities, and to take whatever action is in the best interest of the Berkeley County Council.
I. **INTRODUCTION:**

Proposals are being requested from Contractors to submit bids for **Kitchen Cabinets and Countertops located at 802 Emmett Rousch Drive, Martinsburg, WV 25401** as ordered by the County Council of Berkeley County, West Virginia, (hereinafter referred to as "County Council" or "Council"). Only written responses to this RFP shall be considered. All materials submitted shall become part of the proposal.

II. **BACKGROUND:**

Berkeley County is located in the eastern panhandle of West Virginia. According to 2010 Census information, Berkeley County has a population of 104,169 making it the second-most populous county in West Virginia, behind Kanawha. Martinsburg is the County Seat.

The county lies adjacent to the Washington-Baltimore Metropolitan area and is one of three counties in the Hagerstown-Martinsburg, MD-WV Metropolitan Statistical Area.

Partly because of its proximity to Washington, D.C., Berkeley County is the fastest growing county in the State of West Virginia and among the fastest growing in the entire country.

Berkeley County is currently governed by a five (5) member County Council.

III. **SCOPE OF WORK**

A. **GENERAL**

The County Council is requesting bids for **Kitchen Cabinets and Countertops** located at 802 Emmett Rousch Drive, Martinsburg, WV 25401 as listed in Attachment “C”.

1. **GUIDELINES AND REQUIREMENTS**

   a. The Contractor will assure that all cabinets and countertops proposed meet the minimum standards as set forth in Attachment "C".

   b. Contractor is to assure access to the building at all times during the regular work week. If special conditions arise, contact Tommy Puffenburger, Facilities Director.

   c. Contractor will work with the Tommy Puffenburger at the time of bid award in developing a reasonable delivery date.

   d. Contractor shall provide all tools, equipment, materials and labor to complete this project.

   e. This project is not subject to prevailing wage.

   f. Contractor will be responsible for any and all damages associated with this project to include damage to drywall, paint, etc.
g. Berkeley County will obtain all applicable permits.

h. Work area will be cleaned at the completion of work. All waste is to be legally disposed of off of County property. Vehicles and equipment shall be removed immediately upon completion of work.

i. Contractor shall follow all applicable OSHA requirements for this project.

j. Berkeley County is a tax exempt organization. Tax number 55-6000296.

IV. Q&E TECHNICAL PROPOSAL:

Respondent shall respond to and reference each section and subsection for portion(s) of RFP proposal. At a minimum, your Qualifications Proposal shall include the following information. Failure to discuss each item may deem the submittal non-responsive and may result in non-consideration of respondent's services.

A. Firm Information

1. Name, address, telephone number, fax number of Contracting firm and parent company, if any, from which the project will be managed.

2. Nature of Contracting firm and parent company, if any.

B. Firm Capabilities

1. Describe the size of your firm/project office as related to size of staff.

C. Firm Principals and Background

1. Submit the names, titles, and resumes of the "principal" staff member(s) who will be responsible for the project during the performance of the contract. Please assure that the information provided includes specialized experience and technical competence in providing relevant services on similar sized projects during the past three (3) years.

2. Describe in depth the operations team available to the "principal" staff member(s). Include an organizational chart of manpower, titles, qualifications, roles in contract performance, and availability for telephone consultations and on-site meetings.

3. Provide a list of at least three (3) but no more than five (5) similar and/or relevant projects that you have completed during the past five (5) years. This information must include the business name, contact person, address, email address, and phone number.
D. **Miscellaneous Requirements:**

All proposals must provide written proof that:

i. The selected Company/Contractor is licensed to conduct business in the State of West Virginia.

ii. West Virginia Code § 21-11-2 requires that all persons performing contractual work in West Virginia must be duly licensed. The West Virginia Contractors Licensing Board is empowered to issue the contractor’s license. West Virginia Code § 21-11-11 requires any prospective Bidder to include the contractor’s license number on their bid. The successful Bidder will be required to furnish a copy of their contractor's license prior to issuance of the contract. The selected Bidder must also have a valid City of Martinsburg Business License and be licensed with the West Virginia State Fire Marshall's Office.

iii. The selected Company/Contractor must certify that it is employing only US Citizens or those persons legally in the United States.

iv. The selected Company/Contractor must show proof of current workers compensation coverage or payroll information which will show that coverage is not required.

E. All technical proposals should include any conclusions, remarks and/or supplemental information that is pertinent to this request. Submitters are also required to provide written information regarding their inability to conform to any of the technical requirements listed above. Failure to do so will result in disqualification of proposal.

V. **PRICE PROPOSAL:**

A At a minimum, your Price Proposal shall include the following:

1. Up to four (4) lump-sum price quotations for cabinets and countertops as listed in Attachment A.
2. Fully executed Non-Collusion Certificate - Attachment B.
3. Proof of current business and contractor's licenses.
4. Statement that only US Citizens or legal immigrants are employed.
5. Proof of current workers compensation coverage, if required.
6. Any conclusions, remarks and/or supplemental information pertinent to this request.

VI. **TERM OF CONTRACT:**

A. The contract will commence upon award by the County Council.

B. If the Firm and/or Company awarded the bid subsequently fails to comply with the specifications, it will be given thirty (30) calendar days' notice to render satisfactory service. If at the expiration of such thirty (30) calendar days' notice, the unsatisfactory conditions have not been corrected, the County Council reserves the right to terminate the contract.
VII. **USE OF EXISTING DOCUMENTS:**

Berkeley County will cooperate to the fullest extent by making available to the Firm/Company all documents pertinent to this service that may be in the County Council's possession. Berkeley County makes no warranty as to the accuracy of existing documents nor will the County Council accept any responsibility for errors and omissions that may arise from the Firm/Consultant having relied upon them.

VIII. **COMPENSATION TO THE CONTRACTOR:**

Invoices must be submitted to:

Berkeley County Council  
400 W. Stephen Street  
Suite 201  
Martinsburg, WV, 25401

Payment will be made within thirty (30) days of receipt and approval.

IX. **INSURANCE REQUIREMENTS:**

**Professional Liability** The successful Bidder must show evidence of professional liability insurance coverage in the amount of one million ($1,000,000) dollars, with a minimum coverage of one million ($1,000,000) dollars per occurrence and one million ($1,000,000) dollars aggregate and must include coverage for errors, omissions and negligent acts, prior to execution of a contract with Berkeley County.

X. **SELECTION PROCESS:**

A. This solicitation is issued pursuant to the implementation of Berkeley County’s Purchasing Policy. Berkeley County shall not be liable for any costs not included in the proposal, not contracted for subsequently, or in regard to preparation of your proposal.

B. A Selection Committee appointed by the County Council will evaluate responses to this request and select those firms judged to be most qualified.

C. It is the County Council's intent to open and review each firm's Qualifications & Experience/Technical Proposal to determine a firm's qualifications, experience and technical approach to the services. If the Selection Committee determines that a firm's Qualifications & Experience/Technical Proposal is acceptable, than price will be considered.

D. Since it is the County Council's desire to select the most qualified firm, the Selection Committee reserves the right to schedule oral presentations from those firms it deems most qualified, to take place within ten (10) business days following notification.
E. Selection criteria to be used by the Committee are:

1. Responsiveness to the scope of work and these instructions;

2. Past performance of the firm including timely completion of services, compliance with scope of work performed within budgetary constraints, and user satisfaction;

3. Specialized experience and technical competence in performing relevant services in the past ten (10) years, including qualifications of staff members who will be involved in these services;

4. Oral presentations, if required;

5. Composition of the principals and staff assigned to provide these services, particularly the proposed manager and immediate staff, and their qualifications and experience with services such as that being proposed;

6. Adequacy of the personnel of the firm to accomplish the proposed scope of work in the required time;

7. Firm's capacity to perform the work, giving consideration to current workloads;

8. Firm's familiarity with problems applicable to this type of services;

9. References from previous clients, including size and scope of the services, name and telephone number of contact person.


XL PROPOSALS AND AWARD SCHEDULE:

A. Proposals received prior to the deadline will be treated as confidential, until receipt of all Proposals and opening of the same. Proposals received after the deadline will not be considered in the evaluation process and will be returned unopened.

B. It is expected that the contract award will be made within forty-five (45) calendar days after the opening of proposals. The contract will be awarded to the Company whose proposal, conforming to this request, will be the most advantageous to Berkeley County.

C. Proposals must give the full name and address of the proposer and the person signing the proposal shall indicate his or her title and/or authority to bind the firm in a contract.
D. Proposals may not be altered or amended after they are opened.

E. The approval or disapproval of the Company's Proposal will be determined by its response to this request and on past performance. No assumptions should be made on the part of the Firm/Company as to this Committee's prior knowledge of their abilities.

F. Berkeley County reserves the right to request clarification of information submitted and to request additional information of one or more applicants.

XII. **TERMS AND CONDITIONS:**

A. The County Council reserves the right to reject any or all proposals or to award the contract to the next recommended Company if the successful Company fails to execute an agreement within ten (10) calendar days after being notified of the award of this proposal.

B. Berkeley County reserves the right to request clarification of information submitted and to request additional information of one or more applicants.

C. Any proposal may be withdrawn up until the date and time set within this RFP for the opening of the proposals. Any proposal not so withdrawn will constitute an irrevocable offer, for a period of ninety (90) calendar days, to sell to Berkeley County the services set forth above, in the manner and at the costs set forth.

D. The selected Company shall be required to enter into a contract agreement with the County Council. Any agreement or contract resulting from the acceptance of the proposal shall be made on forms approved by the Berkeley County In-House Legal Director and shall contain, at a minimum, applicable provisions of this request for proposal. The County Council reserves the right to reject any agreement that does not conform to this request for proposal and any Berkeley County requirements for agreements or contracts.

E. Selected Firm/Company shall not assign any interest in the contract and shall not transfer any interest in the same without prior written consent of the Berkeley County Council.

F. No reports, information or data given to or prepared by the Firm/Company under this agreement shall be made available to any individual or organization by the Firm/Company without the prior written approval of the Berkeley County Council.

G. Firms/Companies shall give specific attention to the identification of those portions of their proposals that they deem to be confidential, proprietary information or trade secrets and provide any justification why such materials, upon request, should not be disclosed by the County Council under the West Virginia Freedom of Information Act.

H. Berkeley County shall not be liable for any costs incurred by the Firm/Company in regard to preparation of its proposal.

I. Berkeley County reserves the right to request interviews.

J. The County Council reserves the right to reject any and/or all proposals, to waive technicalities, and to take whatever action is in the best interest of the County.
K. Berkeley County reserves the right to not hold discussions after award of the contract.

L. By submitting a proposal, the Firm/Company agrees that it is satisfied, as a result of its own investigations of the conditions set forth in this request, and that it fully understands the obligations set forth therein.

M. The Firm/Company shall abide by and comply with the true intent of the RFP and its Scope of Work and shall not take advantage of any unintentional error, ambiguity or omission, but shall fully complete every part as contemplated by the true intent and meaning of the scope of services described herein. Clarifications may be requested and dealt with at the Pre-Proposal Conference.

N. The Firm/Company hereby represents and warrants:

1. That it is now, or will be by the time its Proposal is opened, qualified to do business in the State of West Virginia and that it will take such action as, from time to time hereafter, may be necessary to remain so qualified;

2. That it is not in arrears with respect to the payment of any monies due and owing the State, or any department or agency thereof, including, but not limited to, the payment of taxes and employee benefits, and that it shall not fall into arrears during the term of the contract; that it shall comply with all federal, State, and local laws, ordinances, and legally enforceable rules and regulations applicable to its activities and obligations under the contract;

3. That it shall procure, at its expense, all licenses, permits, insurance, and governmental approvals, if any, necessary to the performance of its obligations under the contract;

4. That the facts and matters set forth hereafter in the contract and made a part hereof are true and correct.

O. In addition to any other remedy available to Berkeley County, breach of any of the services contracted herein shall, at the election of the County Council, be grounds for termination of the contract. Failure of the County Council to terminate the contract shall not be considered or construed as either a waiver of such breach or as a waiver of any rights or remedies granted or available to Berkeley County.

P. HOLD HARMLESS/INDEMNIFICATION: If a contract is awarded, the successful Firm/Company will be required to indemnify and hold Berkeley County, its agents and/or employees harmless from and against all liability and expenses, including attorney's fees, howsoever arising or incurred, alleging damage to property or injury to, or death of, any person arising out of or attributable to the Firm's/Company's performance of the contract awarded. Any property or work to be provided by the Firm/Company under the contemplated contract will remain at the Firm's/Company's risk until written acceptance by the County Council; and the Firm/Company will replace, at Firm's/Company's expense, all such property or work damaged or destroyed by any cause whatsoever, prior to its acceptance by the County.
Q. Termination for Convenience: Berkeley County may terminate this or any contract, in whole or in part, whenever the County Council determines that such termination is in the best interest of the County, without showing cause, upon giving 30 days written notice to the Firm/Company. Berkeley County shall pay all reasonable costs incurred by the Firm/Company up to the date of termination. However, in no event shall the Firm/Company be paid any amount that exceeds the price proposed for the work performed. The Firm/Company will not be reimbursed for any profits which may have been anticipated but which have not been earned up to the date of termination.

Termination for Default: When the Firm/Company has not performed or has unsatisfactorily performed the contract, Berkeley County may terminate the contract for default. Upon termination for default, payment may be withheld at the discretion of the County Council. Failure on the part of a Firm/Company to fulfill the contractual obligations shall be considered just cause for termination of the contract. The Firm/Company will be paid for services satisfactorily rendered prior to termination less any excess costs incurred by Berkeley County in re-procuring and completing the work.

R. The contractual obligation of Berkeley County under the contemplated contract is contingent upon the availability of appropriated funds from which payment for this contract can be made.

S. INTERPRETATION: The contract resulting from this proposal shall be construed under the laws of the State of West Virginia.

XIII. INTERPRETATIONS, DISCREPANCIES, OMISSIONS:

Should any Firm/Company find discrepancies in, or omissions from, the documents or be in doubt of their meaning, they should at once request in writing an interpretation from the County Council. All necessary interpretations will be issued to all Firms/Companies in the form of addenda to the specifications, and such addenda shall become part of the contract documents. Failure of any Firm/Company to receive any such addendum or interpretation shall not relieve such Firm/Consultant from any obligation under their proposal as submitted. Berkeley County will assume no responsibility for oral instructions or suggestions. ORAL ANSWERS SHALL NOT BE BINDING ON BERKELEY COUNTY. No requests received after 4:00 p.m., Friday, July 27, 2018 will be considered. Every interpretation made by Berkeley County will be made in the form of an addendum that, if issued, will be sent by Berkeley County to all interested parties.

LIST OF APPENDICES THAT ARE ATTACHED

Attachment A – Cabinets and Countertops Price Proposal
Attachment B -Non-Collusion Certificate
Attachment C - Cabinets and Countertop layout drawings and schedule of materials requested.
ATTACHMENT A

PRICE

PROPOSAL

INSTRUCTIONS
This sheet must be placed on the very top of your price proposal. The County Council will utilize this sheet for purposes of reading the proposal into the public record.

Berkeley County Council
400 West Stephen Street
Suite 201
Martinsburg, WV, 25401

Bid Title: **Kitchen Cabinets and Countertops**

Bid Due Date & Time: Wednesday, August 8, 2018 no later than 4:00 PM

Bid Opening Date & Time: Thursday, August 9, 2018 @ 10:00 AM

We have received all documents related to the above referenced project. We have examined all documents, attended the mandatory pre-bid conference, and have had the opportunity to examine the site area where work is to be performed. We hereby propose to furnish all labor, materials, equipment and incidentals and to perform all operations necessary and required for the successful completion of the project.

Contractor Name & Address

________________________________________________________

________________________________________________________

(Authorized Signature) (Date)

West Virginia Contractor's Number:________________________________________

Lump Sum Price for all **Cabinets and Hardware (no labor)** as per requirements contained in Request for Proposal including all addendums and attachments:

Lump Sum Price for all **Laminate Sills and Countertops (no labor)** as per requirements contained in Request for Proposal including all addendums and attachments:
ATTACHMENT B
NON-COLLUSION CERTIFICATE

I HEREBY CERTIFY I am the ____________________________

(Title)

and the duly authorized representative of the firm ________________________________

__________________________

whose address is ________________________________

AND THAT NEITHER I nor, to the best of my knowledge, information and belief, the above firm

nor any of its other representatives I here represent have:

(a) Agreed, conspired, connived or colluded to produce a deceptive show of competition

in the compilation of the bid or offer being submitted herewith;

(b) Not in any manner, directly or indirectly, entered into any agreement, participated in

any collusion to fix the bid price or price proposal of the bidder or offeror herein or

any competitor, or competitive bidding in connection with the Contract for which the

within bid or offer is submitted; and that no member of the County Council of Berkeley

County, West Virginia, administrative or supervisory personnel or other employees of

Berkeley County have any interest in the bidding company except as follows: (complete

if applicable)

__________________________

__________________________

__________________________

I solemnly affirm under the penalties of perjury that the contents of the aforesaid paper are

true to the best of my knowledge, information, and belief.

__________________________

Signature

__________________________

Date

__________________________

Printed or Typed Name
ATTACHMENT “C”
Construction Drawing Set

KITCHEN CABINETS AND COUNTERTOPS

It will be the Contractor's responsibility to inspect the job site and take the appropriate measurements during the mandatory Pre-Bid Meeting on July 25, 2018.
GENERAL PLUMBING NOTES


2. INSTALL MANUFACTURER RECOMMENDED WALL CARRIERS FOR ALL WALL HUNG FIXTURES.

3. PROVIDE SLEEVES AND SEALS AT ALL WALL, CEILING, AND ROOF PENETRATIONS. ALL INSTALLATIONS SHALL SATISFY CURRENT ADOPTED NFPA CODES.

4. PROVIDE AIR VENTS AT HIGH POINTS AND DRAINS AT LOW POINTS OF THE DISCHARGE SYSTEM TO ACHIEVE COMPLETE DRAINAGE.

5. TEST FOR LEAKS IN PIPING AND CORRECT DEFICIENCIES.

6. EXTEND ALL BELOW GRADE CLEANOUTS ON SANITARY LINES OF ALL FOODSERVICE PLUMBING FIXTURES NOT INDICATED AS FOODSERVICE FIXTURES.

7. SLOPE ALL INTERIOR SANITARY PIPING, 4" AND LARGER 1/8" PER FOOT, UNO. SLOPE INTERIOR SANITARY PIPING, 3" AND SMALLER 1/4" PER FOOT UNO.

8. REFER TO APPLICABLE CODES FOR ACCEPTABLE DRAINAGE PIPING SCHEDULE SYSTEM FITTINGS.

9. CONTRACTOR TO FURNISH ALL UNIONS, BUSHINGS, AND FITTINGS NOT SHOWN ON DRAWINGS BUT ARE REQUIRED FOR INSTALLATION.

10. PROVIDE ALL SUPERVISION, LABOR, MATERIALS, EQUIPMENT START UP TESTING, AND BALANCING OF ANY EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE PURCHASER UNLESS OTHERWISE NOTED.

11. CONTRACTOR TO OBTAIN BUILDING PERMIT AND ARRANGE REVIEW DUCT AND PIPE SIZE REQUIREMENTS INDICATED ON PLANS AND PROVIDE DESIGN CRITERIA TO STRUCTURAL TRUSS MANUFACTURER TO COORDINATE WEB OPENING AND CLEARANCE REQUIREMENTS. PROVIDE ALL COORDINATION SERVICES REQUIRED TO COORDINATE TRUSS MANUFACTURER AND PROVIDE REQUIRED OPENING DIMENSIONS.

12. REVIEW DUCT AND PIPE SIZE REQUIREMENTS INDICATED ON PLANS AND PROVIDE DESIGN CRITERIA TO STRUCTURAL TRUSS MANUFACTURER TO COORDINATE WEB OPENING AND CLEARANCE REQUIREMENTS. PROVIDE ALL COORDINATION SERVICES REQUIRED TO COORDINATE TRUSS MANUFACTURER AND PROVIDE REQUIRED OPENING DIMENSIONS.

13. WHEN ALTERNATE OR SUBSTITUTED EQUIPMENT IS USED, ALL FOODSERVICE PLUMBING FIXTURES MANUFACTURER AND MODEL NUMBERS ARE BASIS OF DESIGN. COORDINATE PLUMBING REQUIREMENTS WITH FOODSERVICE EQUIPMENT CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL ALL PLUMBING FIXTURES NOT INDICATED IN PLUMBING SCHEDULE.

14. MAINTAIN AT THE SITE ONE SET OF REDLINE RECORD DOCUMENTS. RECORD DOCUMENTS INCLUDE ALL DEVIATIONS FROM THE ORIGINAL CONTRACT DOCUMENTS INCLUDING CHANGES DUE TO FIELD CONDITIONS OR REQUIREMENTS. THESE DOCUMENTS ARE TO BE KEPT ON-SITE FOR THE DURATION OF CONSTRUCTION AND MUST BE MADE AVAILABLE TO THE OWNER AT THE COMPLETION OF THE PROJECT PRIOR TO FINAL PAYMENT.

15. THESE DOCUMENTS INCLUDE ALL DATA DRAWINGS, SCHEDULES, SPECIFICATIONS, AND OTHER DATA TO BE KEPT ON-SITE FOR THE DURATION OF CONSTRUCTION AND MUST BE MADE AVAILABLE TO THE OWNER AT THE COMPLETION OF THE PROJECT PRIOR TO FINAL PAYMENT.

16. REFER TO APPLICABLE CODES FOR ACCEPTABLE DRAINAGE PIPING SCHEDULE SYSTEM FITTINGS.

17. INSTALL DRAIN UNDER ALL WATER HEATERS AND PROVIDE CONNECTION TO OUTSIDE DRAIN.

18. INSTALL DRAIN UNDER ALL WATER HEATERS AND PROVIDE CONNECTION TO OUTSIDE DRAIN.

19. REVIEW DUCT AND PIPE SIZE REQUIREMENTS INDICATED ON PLANS AND PROVIDE DESIGN CRITERIA TO STRUCTURAL TRUSS MANUFACTURER TO COORDINATE WEB OPENING AND CLEARANCE REQUIREMENTS. PROVIDE ALL COORDINATION SERVICES REQUIRED TO COORDINATE TRUSS MANUFACTURER AND PROVIDE REQUIRED OPENING DIMENSIONS.

20. REFER TO APPLICABLE CODES FOR ACCEPTABLE DRAINAGE PIPING SCHEDULE SYSTEM FITTINGS.

PLUMBING SCHEDULES, SYMBOLS, & NOTES

PLUMBING SCHEDULE

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>MATERIAL</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; SCH 120 PVC</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>1-1/2&quot; SCH 40 PVC</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>2&quot; SCH 40 PVC</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>3&quot; SCH 40 PVC</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>4&quot; SCH 40 PVC</td>
<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>

KITCHEN PLUMBING FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>QTY</th>
<th>MARK</th>
<th>DESCRIPTION</th>
<th>MANUFACTURER</th>
<th>MODEL #</th>
<th>SANITARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>DISHWASHER</td>
<td>WHIRLPOOL</td>
<td>VERIFY</td>
<td>VERIFY</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>C/D SINK</td>
<td>ELKAY LTR46223</td>
<td>INDIRECT DRAIN TO INDIRECT DRAIN</td>
<td>VERIFY</td>
<td>VERIFY</td>
</tr>
<tr>
<td>1</td>
<td>DROP IN SINK</td>
<td>MOEN 6201963B</td>
<td>2&quot;</td>
<td>1-1/2&quot;</td>
<td>1</td>
</tr>
</tbody>
</table>

PLUMBING SYMBOL LEGEND

- | SAN| PLUMBING PIPING |
- | ☐ | ☑ | ☑ |
- | ☐ | ☐ | ☑ |
- | ☑ | ☑ | ☑ |
- | ☑ | ☑ | ☑ |

NOTE: SANITARY PIPING DESIGN BASED ON KITCHEN PLUMBING FIXTURES SHOWN IN CONSTRUCTION DRAWINGS OF THE EQUIPMENT PROVIDED BY THE FOODSERVICE CONTRACTOR. VERIFY LOCATION OF EQUIPMENT ROUGH INS AND SIZE OF KITCHEN EQUIPMENT FURNISHED. DOMESTIC WATER SUPPLY PIPING DESIGN BY OTHERS.
INSTALL NEW SANITARY DRAIN PIPING CONNECTION TO EXISTING UNDERGROUND SANITARY PIPING.
EXISTING 4" SANITARY PIPING CONTINUED.
INSTALL NEW UNDERGROUND SANITARY PIPING. SEE ARCHITECTURAL DRAWINGS FOR SAWCUT EXISTING FLOORSLAB AND REPAIR.
INSTALL NEW SANITARY VENT PIPING ABOVE CEILING THROUGH JOIST CAVITIES. INSTALL MINIMUM 2" PLUMBING VENT THROUGH 3" MINIMUM ROOF PENETRATION.

KEYED PLUMBING NOTES

1
2
3
4

INSTALL 30" WIDE UNDER CABINET KITCHEN RECIRCULATING CARBON FILTER HOOD OVER EACH ELECTRIC RANGE. QUANTITY OF TWO 30" WIDE HOODS. EXHAUST HOOD BASIS OF DESIGN BROAN STAINLESS STEEL MODEL NUMBER 41000-41300-41F. 120V/1PH, 2A MCA.

KEYED MECHANICAL NOTES

H
FD1
K
D
C
J
C
3"SAN
1
1
2
1/2"V
3
4

EXISTING 4"SAN
EXISTING 4"SAN
2"SAN
1/4"V
1
1/2"V
1
1

PLUMBING SANITARY PLAN

P-1.1
GENERAL ELECTRICAL NOTES

1. SCCHIPS CHINA ALL LABOR AND MATERIALS, INSTRUMENT ALL EQUIPMENT, INCLUDING ALL WORK Accessory ELECTRICAL DETECTION CONSTRUCTION OF ELECTRICAL DETECTION SYSTEMS FOR A COMPLETE AND OPERABLE INSTALLATION.

2. ALL ELECTRICAL WORKS SHALL BE STATED IN THE WORK AREA AND OTHER

3. LAMPS AND LIGHTING FIXTURES SHALL BE AS DESCRIBED IN LIGHT FIXTURE SPECIFICATIONS FOR APPROVAL BEFORE BID DATE. ENGINEER SHALL HAVE FINAL APPROVAL

4. SAFETY DISCONNECT SWITCH; SEE DISCONNECT SCHEDULE FOR RATINGS

5. BEFORE TESTING ELECTRICAL CIRCUIT, THE ELECTRICAL CONTRACTOR SHALL COMPLETE, PERFORM, AND DOCUMENT ALL REQUIRED TESTING AND ADJUSTMENTS. COMPLETED TESTING REPORTS SHALL BE SUBJECT TO ENGINEER'S APPROVAL.

6. TESTING OF ALL RATED MACHINES AND DEVICES SHALL BE PERFORMED UNDER FULL LOAD CONDITIONS."

LIGHTING FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Color</th>
<th>Wattage</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2 A-LIGHT MOUNTED</td>
<td>LITROPA</td>
<td>60</td>
<td>45</td>
</tr>
<tr>
<td>A</td>
<td>2 A-LIGHT MOUNTED</td>
<td>LITROPA</td>
<td>60</td>
<td>45</td>
</tr>
<tr>
<td>40A</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
</tr>
</tbody>
</table>

ABBREVIATIONS

A - A-LIGHT FLOOR POD
H - HEATING PATTERN
E - ELECTRIC PATTERN
F - FURNACE
R - RECEPTACLE
C - CIRCUIT
N - NUKTRON
G - GENERATOR
M - METER
W - WIRE
P - PANEL
F - FURNACE
K - KITCHEN
B - BATHROOM
L - LIVING ROOM
D - DINING ROOM
S - SLOPE

WIRE SCHEDULE - COPPER CONDUCTORS (0-600V)

<table>
<thead>
<tr>
<th>Circuit</th>
<th>AWG</th>
<th>Conductors</th>
<th>Volts</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>18A</td>
<td>12</td>
<td>12</td>
<td>120</td>
<td>12</td>
</tr>
<tr>
<td>20A</td>
<td>12</td>
<td>12</td>
<td>120</td>
<td>12</td>
</tr>
<tr>
<td>25A</td>
<td>12</td>
<td>12</td>
<td>120</td>
<td>12</td>
</tr>
<tr>
<td>30A</td>
<td>12</td>
<td>12</td>
<td>120</td>
<td>12</td>
</tr>
<tr>
<td>40A</td>
<td>12</td>
<td>12</td>
<td>120</td>
<td>12</td>
</tr>
<tr>
<td>50A</td>
<td>12</td>
<td>12</td>
<td>120</td>
<td>12</td>
</tr>
<tr>
<td>60A</td>
<td>12</td>
<td>12</td>
<td>120</td>
<td>12</td>
</tr>
<tr>
<td>70A</td>
<td>12</td>
<td>12</td>
<td>120</td>
<td>12</td>
</tr>
</tbody>
</table>

NOTE: ALL SYMBOLS MAY NOT BE REPRESENTED ON PLANS.

ELECTRICAL SYMBOL LEGEND

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>A-LIGHT POD</td>
</tr>
<tr>
<td>H</td>
<td>HEATING PATTERN</td>
</tr>
<tr>
<td>E</td>
<td>ELECTRIC PATTERN</td>
</tr>
<tr>
<td>F</td>
<td>FURNACE</td>
</tr>
<tr>
<td>R</td>
<td>RECEPTACLE</td>
</tr>
<tr>
<td>C</td>
<td>CIRCUIT</td>
</tr>
<tr>
<td>N</td>
<td>NUKTRON</td>
</tr>
<tr>
<td>G</td>
<td>GENERATOR</td>
</tr>
<tr>
<td>M</td>
<td>METER</td>
</tr>
<tr>
<td>W</td>
<td>WIRE</td>
</tr>
<tr>
<td>P</td>
<td>PANEL</td>
</tr>
<tr>
<td>F</td>
<td>FURNACE</td>
</tr>
<tr>
<td>K</td>
<td>KITCHEN</td>
</tr>
<tr>
<td>B</td>
<td>BATHROOM</td>
</tr>
<tr>
<td>L</td>
<td>LIVING ROOM</td>
</tr>
<tr>
<td>D</td>
<td>DINING ROOM</td>
</tr>
<tr>
<td>S</td>
<td>SLOPE</td>
</tr>
</tbody>
</table>

E-1.0

ARCHITECT:  PROVIDE GASKETED WEATHERPROOF WALL PLATES FOR EXTERIOR OUTDOOR WIRING ABOVE GRADE SHALL BE ENCLOSED IN RGS CONDUIT. OUTDOOR WIRING BELOW GRADE SHALL BE ENCLOSED IN SCHEDULE 40 PVC CONDUIT UNLESS OTHERWISE NOTED.

RECEPTACLE; NEMA 5-20R DUPLEX; MOUNTED ON CEILING OR IN WALLS. OUTDOOR WIRING ABOVE GRADE SHALL BE ENCLOSED IN RGS CONDUIT. OUTDOOR WIRING BELOW GRADE SHALL BE ENCLOSED IN SCHEDULE 40 PVC CONDUIT UNLESS OTHERWISE NOTED.

RECEPTACLE; NEMA 5-15R DUPLEX; MOUNTED 18" O.C. A.F.F. OR AS NOTED;

GFCI; NON FEED THROUGHGA, WEATHERPROOF COVER.

NOTE: NOTED ON THE DRAWINGS, ALL THE OUTLETS SHALL BE INSTALLED AT THE DIRECTION OF EGRESS.

24. MAKE PROVISION AND PROVIDE POWER WIRING INCLUDING FINAL EQUIPMENT INSTALLATION.

SPECIAL POWER OUTLET; NEMA DESIGNATION INDICATED ON DRAWING; MOUNT IN 2-POLE, 3-WIRE, OR 3-PHASE, 4-WIRE RATING.

21. LAMPS AND LIGHTING FIXTURES SHALL BE AS DESCRIBED IN LIGHT FIXTURE SCHEDULE.

17. ALL GROUNDING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

16. A TYPEWRITTEN LABEL SHALL BE INSTALLED ON THE WALL PLATE OF EACH RECEPTACLE OUTLET INDICATING THE CONNECTED PANEL AND CIRCUIT.

15. BEFORE INSTALLING OUTLETS, THE ELECTRICAL CONTRACTOR SHALL CONFER WITH THE ARCHITECT TO DETERMINE ACCEPTABILITY OF THE WORK. IN ADDITION, AN INSPECTION BY THE ELECTRICAL INSPECTOR AND CERTIFICATE OF COMPLETION OF THE WORK TO DETERMINE ACCEPTABILITY OF THE WORK. IN ADDITION, AN INSPECTION BY THE ELECTRICAL INSPECTOR AND CERTIFICATE OF COMPLETION OF THE WORK TO DETERMINE ACCEPTABILITY OF THE WORK.

14. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

13. ALL WORKS SHALL BE MAKING IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

12. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

11. CIRCUIT BREAKERS AND FUSE BOXES SHALL BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

10. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

9. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

8. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

7. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

6. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

5. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

4. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

3. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

2. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.

1. WORKS MAY BE PERMITTED TO BE MADE AND INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF THE NEC AND AS REQUIRED BY THE DRAWINGS.
KEYED LIGHTING NOTES

- CONNECT LIGHTING CIRCUIT TO NEW 20A, 1-POLE BREAKER IN EXISTING PANEL.
- LIGHTING LEVEL IN KITCHEN TO BE WITHIN 60-70 FOOTCANDLES.

GENERAL LIGHTING NOTES

- FIXTURES: SET LEVEL, PLUMB, AND SQUARE WITH CEILING AND WALLS. SECURE ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND APPROVED SUBMITTAL MATERIALS. INSTALL LAMPS IN EACH FIXTURE.
- CONNECT EXIT LIGHTS, EMERGENCY BATTERY LIGHTS, AND NOTED LIGHT FIXTURES WITH BATTERY BACKUP TO THE NEAREST UNSWITCHED LIGHTING CIRCUIT IN THE AREA BEING SERVED.
- SEE GENERAL ELECTRICAL NOTES ON SHEET E-1.0 FOR WIRING METHODS.

GENERAL POWER NOTES

- ALL 120V, 15A-20A KITCHEN RECEPTACLES SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION.

- REVISIONS: These Documents - Schematic Drawings, Preliminary Drawings, or Working Drawings, and Specifications are the Property of Architecture Design Concepts, P.C. and may not be used, reproduced, or utilized without the express written consent of Architecture Design Concepts, P.C.