ADDENDUM TO 52.212-1

The instructions contained in FAR 52.212-1 Instructions to Quoters-Commercial Items are applicable to this solicitation, but are tailored as follows:

Paragraph (c) is modified to require the offeror to agree to hold the prices in its quote firm for 120 calendar days from the date specified for receipt of offers (Block 8 of page 1 of the solicitation).

Paragraph (e) "Multiple offers" is not applicable.

1. GENERAL INSTRUCTIONS

A. General Information. Solicitation number M00263-26-Q-R003 is issued as a Request for Quote (RFQ) using the commercial procedures in accordance with to FAR Parts 12, the Regional Contracting Office, Parris Island (RCO-PI) intends to award a single Indefinite Delivery- Requirements Contract with Fixed Price-Economic Price Adjustment (FP-EPA) CLINs and firm-fixed-priced CLINs with a base period of one (1) year and four (4) - one (1) year option periods. This is a 100% Small Business Set-aside acquisition and the North American Industrial Classification System (NAICS) code for this requirement is 337214 with a size standard of 1,100 employees. The objective of this requirement is to provide a contract that enables the Marine Corps Recruit Depot (MCRD) to acquire furniture that aligns with the existing Furniture Branding Concept for the Unites States Marine Corps Recruiting Commands (MCRC) Recruiting Offices located in 1st, 4th, 6th, 8th, 9th, and 12th Marine Corps Districts (MCD).

B. Confidential Information. The Freedom of Information Act (FOIA) and its amendments generally provide the public the right to access agency records when a member of the public so requests. If an quoter's submissions contain information that he/she believes should be withheld from such requestors under FOIA on the grounds that they contain "trade secrets and commercial or financial information", 5 U.S.C. § 552, the quoter should mark its submissions as set forth in FAR 52.215-1(e).

II. PREPARATION INSTRUCTIONS

III. PERFORMANCE REQUIREMENTS

The quote must demonstrate an understanding of and ability to meet all requirements set forth herein. The quoter shall provide sufficient detail to substantiate that the products offered conform to the requirements shown above. The quoter shall demonstrate that the quote follows the requirements, terms, and conditions of the RFQ. Comprehensive responses to the requirements of this RFQ are required to enable the Government to evaluate the quoter's understanding of and capability to accomplish the requirements of the Government.

L 1 SPECIAL NOTICE TO QUOTERS

The Government intends to evaluate offers and award a contract without discussions. Therefore, the quoter's initial offer should contain the quoter's best terms from a price and technical standpoint. Quoters are cautioned to examine this solicitation in its entirety and to ensure that their quote contains all necessary information, provides all required documentation and is complete in all respects.

L 1.1 Failure to submit any of the information requested by this solicitation may be cause for unfavorable consideration, including removal of a quoter from further consideration.

L 2 SOLICITATION RESPONSE

REQUIREMENTS L 2.1 GENERAL

Quoters are cautioned to examine this solicitation in its entirety and to ensure that their quote contains all necessary information, provides all required documentation, and is complete in all respects. If any statement, representation, or description in a quote exceeds what is required by the specification, the Contracting Officer will incorporate that statement, representation, or description in the awarded contract. Use of general or vague statements such as "standard procedures will be used" will not satisfy this requirement. Unnecessary elaboration or presentations beyond what is sufficient to present a complete and effective solution are not desired and may be construed as a lack of understanding of the requirement.

Quotess must be prepared in accordance with these instructions. Failure to do so may result in the quoter's submission being determined unacceptable and ineligible for award. Each quoter's submission shall be screened by the Contract Specialist upon receipt to ensure completeness and compliance with the instructions contained in this solicitation.

Communication Procedures. The Contract Specialist is the point of contact for this acquisition. Address any questions or concerns to the Contract Specialist. Written requests for clarification shall be sent to the Contract Specialist via email.

The Contract Specialist for this acquisition is:
Name: Vincent Wrice Phone: 843-228-3585
Email: vincent.wrice@usmc.mil

The Contracting Officer for this acquisition is:
Name: Kacy Mohead Phone: (843) 228-2188
Email address: kacy.m.mohead@usmc.mil

Solicitation information and amendments will be posted to the Contract Opportunities website at https://SAM.gov. Quoters shall e-mail written questions requesting clarification of the Request for QUOTE to the Contract Specialist (vincent.wriceciv@usmc.mil). The Government will accept vendor questions no later than **12:00 Noon Eastern Daylight Time (EDT) 7 days after issue date of the solicitation**. Questions received after this date/time may not be answered.

*NOTE: Your email subject line for submitted questions should read:

"RFQ M00263-26-Q- 0002 QUESTIONS, insert contractor name."

Quoters must submit all questions via email to the points of contact provided above for this RFQ. **No phone call please for questions!** Interested quoters MUST be registered and active in the System for Award Management (SAM). Government responses to all questions received will be posted to SAM.gov via a solicitation amendment (amendments will be posted prior to due date and time for receipt of quotes). It is the responsibility of each quoter, prior to proposing, to seek clarification of any ambiguity they believe may be in the solicitation, to include any ambiguity quoters believe may have been created by amendments to the solicitation.

L 3 QUOTE PREPARATION INSTRUCTIONS

The written submission as well as requests for clarification shall be sent to the Contract Specialist via email. Send email to the the Contract Specialist as the primary point of contact and copy (cc) the Contracting Officer as the secondary point of contact. The written submission must arrive by the stated deadline for a quote to be considered complete and to be evaluated. Failure of any portion of the quote to arrive by the stated deadline will result in rejection of the entire quote.

Note: Quoters must ensure that email attachments do not exceed 5 MB; quoters with attachments larger than 5 MB must split their response into multiple emails to meet the 5 MB attachment limitation. In addition, .zip files will be filtered and removed by the MCRDPI firewall. Any attachments must be in .pdf, .jpeg, and or .docx format.

The Primary Contact/Contract Specialist for this acquisition is:
Name: Vincent Wrice Phone: 843-228-3585
Email: vincent.wrice@usmc.mil

The Secondary Contact/Contracting Officer for this acquisition is:
Name: Kacy Mohead Phone: (843) 228-2188
Email address: kacy.m.mohead@usmc.mil

A. Request for Quote Submission. The completed and signed SF1449, CLIN specifications, price quotes, and all other requirements requested in the RFQ must be received in its entirety by the date and time specified in Block 8 of the SF 1449. Quote submission shall be made electronically via email.

SUBMISSION CHECKLIST: Ensure each of the following must be provided and annotated in your submitted quote.

_____ Completed and Signed SF1449 (The quoter shall complete the "Signature of Quoter/Contractor" Block 30 a, b, and c).

_____ Quote on company letterhead or preferred proprietary quotation (Must include pricing – unit price and total price that includes shipping to Parris Island, SC).

_____ Spec Sheet - indicating all specifications of the proposed product (part numbers, pictures, etc.)

_____ Delivery date - the expected number of days to delivery from time of award.

_____ Offer is valid for 120 days from Date of Submission.

_____ No exception to any Terms and Conditions has been taken, or if so, clearly cited. Include a cover letter delineating any exceptions taken to the solicitation terms and conditions. However, quoters are cautioned that any noncompliance with the terms and conditions of the solicitation may cause their quotes to be determined unacceptable.

_____ Acknowledge any amendments to the RFQ.

_____ SAM-validated and **NAICS Code 337214** compliant.

_____ Complete any applicable representations, certifications, etc. in Section K.

_____ Complete CLIN Specifications with all required information,

_____ Price for each CLIN/Line Item (1 CLIN = 1 Price).

*NOTE: When submitting your quote electronically via email, your email subject line shall read:

"RFQ M00263-26-Q-R003– QUOTE SUBMISSION, from insert contractor name."

B. Late submissions will not be considered for evaluation unless an exception applies under FAR 52.212-1(c)(2) and FAR 52.212-1(c)(3) . Telegraphic and Facsimile offers are not authorized for this solicitation and will not be considered for evaluation. A quotation is late unless it is received by the date and time specified in Block 8 of the SF 1449.

C. Disposition. No quotes will be returned to the quoter.

Failure to submit either the electronic version of each quote for each quote volume by the date and time specified in Block 8 of the SF 1449 may render the quoter ineligible for award due to non-conformance with the solicitation instructions. Late submissions may not be considered for evaluation. Telegraphic and Facsimile quoters and/or responses through any other method are not authorized for this solicitation and will not be considered for evaluation.

Offerors shall prepare their quotes as set forth in L 3.2 Organization and Page Limits below. The titles and contents of the volumes shall be as defined in the table and shall be within the required page limits and in the number of copies as specified in the table. The contents of each quotes volume are described in the amplifying information provided in the paragraphs that follow the table. The footer of all content pages for all volumes shall be labeled with the following in Bold Print: "Source Selection Information-See FAR 2.101 and 3.104"
Note: All material more than the page limits or that lack or do not comply with the following quote preparation instructions will not be considered or evaluated. For example, the technical volume cannot be greater than 25 pages. If a quote includes a technical volume that is 27 pages long, the Government will evaluate only the first 25 pages.

To maximize efficiency and minimize the effort involved in the quote evaluation process, all quoters must comply with the instructions for quote format and content. Quotes that do not comply with these instructions may be considered not to have conformed to the requirements of this solicitation and may render the quoter ineligible for award. Clarity, completeness, and conciseness are essential.

L 3.2 Organization and Page Limits. The Letter of Transmission (Volume I), Cover Letter (Each Volume), Table of Contents (Each Volume), Pictures & Color Palettes (Volume I), and Technical Specifications to include but not limited to Product literature (Volume I). These specifications do not count against the page count limitationsThe List of tables, Table of

Figures, and/or Glossary of abbreviations/acronyms do not count against page count limitations.

Quotes shall be submitted to the Government in four (4) separate volumes as set forth below.

Table L 3.2-1 VOLUMES AND PAGE LINIITS

Volume	Description	Page limits	Number of Electronic Copies
I	**Administrative**	N/A	I File per Volume
II	**Technical**	25	1 File per Volume
III	Past Performance	10	1 File per Volume
IV	**Pricing**	N/A	I File per Volume

L 3.3. Quote Format. In addition to the page limitations set forth above, quotes shall comply with the following format:

a. Each Volume must have both a Cover Letter and a Table of Contents. Cover letters and tables of contents do not count towards the page count limitations.
    a. Cover Letter: Clearly mark the volume number, title, solicitation number, and the quoter's CAGE number. Provide enough detail to allow evaluators to quickly locate key elements of the qoute.
    b. Table of Contents: The quoter shall address those areas pertinent to the Quote's material organization and providing traceability from the quoter's quote to - the Specification Document provided in Section C, the evaluation criteria, and to other solicitation sections as necessary.

b. Quotes shall not have company markings or logos on any pages contained within the quotes aside from the first page. Other than the first page, quoters shall not include company markings other than the name of the company in the same size and font as the remainder of the page, or the proprietary markings referenced below.
c. Print shall be no smaller than a font size of 11 Arial or Times New Roman Font and shall be on 8-1/2 x 11-inch paper. Charts, graphs, or spreadsheets shall be no larger than an 8-1/2 x 11-inch size page. Margins from the edge of type to the edge of the page shall be no less than one inch on all four sides.
d. Each page within a section shall be numbered consecutively. The page limitation includes any drawings, diagrams, or illustrations.
e. Quotes shall contain a header or footer in single-spaced typed lines with the RFQ number included on each page.
f. Graphics and drawings must be clear and legible and may use a font size no smaller than 9.
g. Margins on all pages will be not less than l" from the edges of the page, regardless of whether a page includes text or graphics and drawings or both.
h. Each page containing proprietary information should be so marked.
1. Each volume shall be written on a stand-alone basis so that its contents may be evaluated without cross referencing to other volumes of the quotes. Information required for quotes evaluation which is not found in its designated volume will be assumed to have been omitted from the quotes.
J. No hyperlinks or external materials are permitted. Content should utilize .docx, .pdf, .xlsx and .jpg formats to the greatest degree possible.

L 4 QUOTE VOLUMES

L 4.1 Volume I: **Administrative (no page limit)**

L 4.1.1 Letter of Transmission: The quoter shall identify the solicitation number, organization, corporate principal submitting the offer, a point of contact that is responsible for the quoter's quote, and a top-level summary of the quoter's quote and material content (to include identifying all subcontractors & all enclosures).

L 4.1.2 Completed and signed RFQ (Page 1): The quoter shall complete the "Signature of Quoter/Contractor" part of the Standard Form 1449 in Blocks 30a, b, and c. Provide a certification and acknowledgement of the following:

- Offer is valid for 120 days from date specified for receipt of offers (Block 8 of page I of the solicitation);
- No exception to any Terms and Conditions has been taken, or if so, clearly cited. Include a cover letter delineating any exceptions taken to the solicitation terms and conditions, or the statement, "No exception to any Terms and Conditions has been taken". Quoters are cautioned that any noncompliance with the terms and conditions of the solicitation may cause their quote to be determined unacceptable;
- Acknowledge any amendments to the RFQ;
- Complete your representations and certifications in the System for Award Management (SAM). Ensure all representations and certifications included in this solicitation are completed in SAM. If any representations and certifications included in the solicitation are not available in SAM, submit your representations and certifications in Volume I in addition to certifying that all other representations and certifications have been completed in SAM
- Small business joint venture quoter must submit, with its offer, the representation required in paragraph (c) of FAR solicitation provision 52.219-1, 52.204-19for the following categories:

(A) Small business;
(B) Service-disabled veteran-owned small business;
(C) Women-owned small business (WOSB) under the WOSB Program;
(D) Economically disadvantaged women-owned small business under the WOSB Program; or
(E) Historically underutilized business zone small business.

- Country of Origin (COO) is required in the Pricing Quote Template (Attachment 4); Section K's Buy American Act Ce1iificate (DFARS 252.225-7000) must also be completed. The quote must affirmatively demonstrate compliance with all domestic sourcing provisions in section C.
- Organizational Conflict of Interest (OCI) (see FAR 2.10 1) - Disclose any potential or actual organizational conflicts of interest (OCs) that your company (to include subcontractors and any other teaming partners) may have with the requirements of the PWS/solicitation (Attachment 5). Include a description of the OCI(s) and the action(s) taken, if any, to avoid, mitigate, or neutralize the OCs. A negative response is required.

L 4.1.3 Agreements (If applicable) The quoter must include a commitment signed by quoter and subcontractor certifying that if a contract is awarded resulting from the quote, the parties commit to joint performance as proposed. Affiliate companies, sister companies, teaming arrangements, joint venture agreement, etc., will be considered provided that sufficient

documentation is included in the quote. The primary offering entity must demonstrate that the affiliate will perform significant and critical aspects of the contract if awarded. Sufficient documentation includes a copy of the signed arrangement such as documented affiliation, a copy of the teaming agreement, a copy of the joint venture agreement, etc.

L 4.2 Volume II: **Technical Quote** (Page Limit: 25 pages)

Factor 1: Other Factor

VOLUME II SHALL **NOT** INCLUDE ANY PRICING/COST INFORMATION.

L 4.2.1 General Requirements

Quoters shall submit a detailed technical quote in compliance with conditions of this solicitation. Quoters must provide their technical quote with no company identifying information on any page except the first page. Failure to follow and comply with these instructions may result in rejection of quoters' quote. The Technical Quote shall be specific, detailed, and sufficiently complete to clearly and fully demonstrate the Quoter's total comprehensive knowledge and understanding of the requirements and technical problems inherent to the requirements of this solicitation. Quoters shall provide sufficient information to make a thorough evaluation and sound determination as to whether the proposed supplies will meet the Governments requirements and how the proposed services will satisfy the Government's delivery, installation, and furniture disposal requirements. Generalized statements within the quote, such as, "standard procedures will be employed," or "well known techniques will be used," will be considered technically inadequate. Data previously submitted in other quotes may not be incorporated by reference.

The Product Literature, Palettes, and Pictures must be included in Volume I and are not included in the page count.

L 4.2.2 Specific Requirements/Table of Contents

Quoter's technical quote shall be structured and submitted so that the following subjects are identified by paragraph and subparagraph order. Failure to utilize the required format may result in quotes not being evaluated.

The following sections shall be used for the Table of Contents:

Section 1.0 Quality, Appearance, and Design of Product
Section 2.0 Quality Control
Section 3.0 Warranty
Section 4.0 Delivery, Installation, & Disposal

L 4.2.2.1 Section 1.0 Quality, Appearance, and Design of Product

a) *General:* The Quoters shall submit manufacturing specifications for the items listed in

the Technical **Specification to include: Product Literature, which provides work surface material, chassis construction, drawer construction, amenities, configuration options and/or storage options that support the Technical Specification**. The Technical Specifications to include but not limited to Product Literature, Palettes, and **Pictures must be included in Volume I, and are not included in the page count.**

b) Samples:

a. Color pictures shall be submitted for ALL items discussed and detailed in the Technical Specifications document.

b. Samples shall be submitted/delivered for the following items detailed in the Technical Specifications document:

Description	SLIN
Desk Chair	AA
Stackable chair	AB
Work Desk, SNCOIC Station	AC
Work Desk (NCO Station)	AD
Mobile Pedestal with Seat Cushion	AH
Sofa Lounge	AL
Love Seat	AM
Chair Lounge	AN
Brochure Rack, (Large)	AS
Vertical 4 drawer filing Cabinet	AT
Wall-locker	AV

c. Samples shall be delivered to a location that will be provided after the question and answer period has expired.

L 4.2.2.2 Section 2.0 Quality Control (PWS Technical Specification Section 1.7)

The quoter shall submit a plan that details the procedures that will be implemented to ensure the standards outlined in the contract are met. At a minimum, the plan will include: i) Controls to ensure timely and complete accomplishment of all scheduled actions. ii) Procedures and controls for accomplishing and verifying corrective actions on noted deficiencies. iii) Processes to maintain records which identifies the time frames for noted discrepancies and corrective actions taken.

L 4.2.2.3 Section 3.0 Warranty (PWS Technical Specification Section 1.6)

The quoter will submit detailed information regarding the warranty in respect to each individual product and the corresponding time frame that applies. The warranty information shall also include the process for warranty claims and remedies, and the lengths of time in which the quoter will respond to warranty claims. For the successful quoter, the proposed warranty will become the warranty required by the contract.

L 4.2.2.4 Section 4.0 Delivery, Installation, & Disposal (Technical Specification Section 1.5)

The quoter will submit detailed plan and information (e.g. coordination and communication) as to how they will satisfy the requirements outlined in the solicitation regarding removal and disposal of existing equipment, as well as the requirements regarding delivery and installation.

L 4.3 Volume **III** Past Performance (Page Limit: 10 pages)
Note: CPARS and assessor portions of the Past Performance Questionnaire (PPQ) (Section III) of past performance do not count toward the total page count. Sections I and II of the PPQ count toward the page limit of 10 pages.

Factor 2 - Past Performance

L 4.3.1 References
To demonstrate its past performance, the quoter shall identify *up to three* (3) of its most relevant contracts or efforts within the past *three (3) years of solicitation closing date.* All information provided should be references the quoter considers relevant to the requirements of the solicitation. Quoters shall provide a detailed explanation demonstrating the relevance of the contracts or efforts to the requirements of the solicitation.

L 4.3.1.1 Teaming Arrangements/Joint Venture/Subcontractor

Affiliate companies, sister companies, teaming arrangements, joint venture agreement, etc. (Subcontractor/Team Arrangements/Joint Venture) will be considered provided that sufficient documentation is included in the quote. The primary offering entity must demonstrate that the affiliate will perform significant and critical aspects of the contract if awarded. Documentation includes a copy of the signed arrangement such as documented affiliation, a copy of the teaming agreement, a copy of the joint venture agreement, etc.

Additionally, if Subcontractor/Team Arrangements/Joint Venture experience is provided as part of the three (3) most relevant contracts or efforts, the experience will be given weight relative to the scope, magnitude and complexity of the aspects of the work under the solicitation that the Subcontractor/Team Arrangements/Joint Venture subcontractor is proposed to perform. Therefore, the quoter's quote shall detail clearly the aspects of the work in the solicitation that the Subcontractor/Team Arrangements/Joint Venture is proposed to perform.

L 4.3.1.2 No Government contracts or No recent/relevant past performance

If the Quoter has not had any Government contracts, then information on recent and relevant subcontracts and/or commercial contracts may be submitted. If the quoter does not have recent and relevant past perfomance experience, then the quoter must make an affirmative statement to this effect.

L 4.3.1.3 References Guidance

For each of the Past Performance references identified, the quoter shall:

(a) Include the Contract/Task Order number; type of contract; dollar value; period of performance; prime or subcontractor role; and identify problems encountered during contract performance and corrective actions taken, if applicable. If problems were encountered during the performance of the identified past performance references, provide evidence of the quoter's ability to isolate the root causes of problems and include a description of programs or actions taken to resolve those causes. Problems not addressed by the quoter but found by the Government during the evaluation of the information in this volume will be assumed to still exist.

(b) Describe how the work was/is similar to the PWS (Attachment 5) requirements in terms of the scope, magnitude, and complexity.

(c) Identify a Point of Contact (POC) (e.g., Contracting Officer, Contracting Officer's Representative, Contracting Officer's Technical Representative, or Government Program Manager), name of contracting agency, agency representative, telephone number, and email address.

(d) Submit the most recent performance assessment from the Contract Performance Assessment Reporting System (CPARS) for each reference, if available. Subcontractors may submit CPARS directly to the Government to the email addresses provided in Section L., if preferred.

Alternatively, the quoter shall complete a "Past Performance Questionnaire (PPQ)" (Attachment 2) for **each reference submitted that does not have an official CPARS assessment. The form is an attachment to** the solicitation. Completed PPQs are to be submitted directly to the RCO to the email points of contact **provided in section L 2.1 by the assessor in accordance with form instructions, no later than the closing** date of this solicitation. Quoters who choose to submit a PPQ are encouraged to get the PPQ's to the assessor immediately and without delay. It is the quoter's responsibility to ensure that the PPQ's arrive at the Contracting Office by the closing date

Note: If an Indefinite Delivery contract is provided for reference purposes, Task/Delivery Orders numbers must also be provided. In the event the orders are treated as separate references accompanying the Indefinite Delive1y contract, the orders will be evaluated alone in terms of the scope, magnitude, and complexity.

L 4.3.2 Additional Guidance

If an quoter does not submit any references or submits less than three (3) references, the quoter shall affirmatively state that it only has a certain number of references or state it has none. If the quoter affirmatively states it has no references, such quoter shall be assigned a past performance rating of Unknown Confidence (Neutral)". Any quoter who fails to submit three (3) references or fails to affirmatively state that it has fewer than three (3) references or no references will be determined not to have conformed to the solicitation and may be removed from any further consideration for award.

The Government reserves the right to contact the references provided to conduct a telephone interview and/or exchange to verify the performance information provided or to obtain additional

performance feedback. The Government also reserves the right to use past performance information obtained from sources other than those identified by the quoter. This past performance information may be used for the evaluation of past performance. It remains the responsibility of the quoter to ensure that references are complete and submit the questionnaires.

L 4.4 Volume IV Pricing (No Page Limit)

Factor 3 - Price

All proposed pricing shall be submitted as FOB Destination. Quoters must honor awarded prices for orders placed at any point during the term of the contract. A summary of the SLIN quantities is provided as Attachment 3 for informational purposes. Quoters must submit the following items in their Price Quote:

- Fill out the Pricing Quote template (Attachment 4). The template (workbook) contains five (5) Tabs (worksheets).

  - For the Base Period, OYI, OY2, OY3 and OY4 tabs, Quoters shall fill in pricing for each period of performance using column 'F' for the Unit Price. Column G will auto-calculate. Quoters shall also fill out Column H (if applicable). Formulae shall be rounded to two (2) decimal places (i.e., $12.34).
  - On the 'MFG and CCO' tab, Offerors shall fill out columns D-G to include a description of the proposed products for all SLINs (manufacturer, model/services, part number and Country of Origin (COO)). Regarding COO, offerors should review the domestic sourcing provisions in the solicitation carefully and bear in mind that proposing goods that do not conform to all provisions in the solicitation may render them ineligible for award.

  Note: For the submitted SF1449, the total proposed price shall be provided in Block 26. If there is a discrepancy between the pricing template and the SF1449, the detailed pricing provided in the template will take precedence.

For the furniture sub-CLINs, Quote pricing shall be "all-inclusive" of 1) furniture manufacturing costs; and 2) coordination, delivery and installation with set-up.

For the disposal CLIN/SLINs Quote pricing shall be "all-inclusive" of I) Removal of existing furniture; 2) Disposal of existing furniture in a manner that complies with all applicable laws and regulations; and 3) Any other associated coordination, labor, or transportation, etc., necessary to satisfy disposal of existing furniture.

There is no page limit, and the quoter must address at a minimum all the non-technical aspects of the offer, including the price quote corresponding to the CLIN structure and any assumptions regarding their price quote, plus any corresponding information, and supporting materials.