

United States Embassy Tbilisi
Date: February 11, 2020

To: Prospective Quoters

SUBJECT: Solicitation Number 19GG8020Q0234
Renovation of the MSGQ Building

The Embassy of the United States of America invites you to submit a quotation for Renovation of the MSGQ Building.

Submit your quotation in a sealed envelope marked "Quotation Enclosed" to the American Embassy Tbilisi, GSO, 29 Georgian-American Friendship avenue, Tbilisi, Georgia on or before **5:00pm March 10, 2020 local time Tbilisi, Georgia (GMT+4)**. No quotations will be accepted after this time.

In order for a quotation to be considered, you must also complete and submit the following:

1. Standard Form 1442 including a completed Attachment 4, "BREAKDOWN OF PROPOSAL PRICE BY DIVISIONS OF SPECIFICATIONS
2. Performance schedule in the form of a "bar chart" and Business Management/Technical Proposal

Direct any questions regarding this solicitation by e-mail at TbilisiGSOProcurement@state.gov or by telephone at **2 27 70 00** during regular business hours.

Sincerely,

John Etcheverry

Contracting Officer

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SOLICITATION, OFFER, AND AWARD <i>(Construction, Alteration, or Repair)</i>	1. SOLICITATION NO. 19GG8020Q0234	2. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> Request for Quotation (RFQ)	3. DATE ISSUED 2/11/2020	PAGE OF PAGES 99
	IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.			

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO. PR8530497	6. PROJECT NO.
7. ISSUED BY GSO Procurement Section US Embassy Tbilisi 29 Georgian-American Friendship avenue 0131 Tbilisi, Georgia Att: GSO John Etcheverry	CODE 0131	8. ADDRESS OFFER TO See block 7
9. FOR INFORMATION CALL: →	A. NAME John Etcheverry	B. TELEPHONE NO. 995 32 227 70 00

SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder."

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS:

- SF1442 cover sheet – request for quotation
- Price
- Scope of Work
- Packaging and Marking
- Inspection and Acceptance
- Deliveries/Performance
- Administrative Data
- Special Requirements
- Clauses
- List of Attachments
- Quotation Information
- Evaluation Criteria
- Representations, Certifications and other Statements of Quoters

11. The Contractor shall begin performance within **10** calendar days and complete it within **60** calendar days after receiving **notice to proceed**. This performance period is mandatory, negotiable. (See _____.)

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? <i>(If "YES," indicate within how many calendar days after award in Item 12B.)</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	12B. CALENDAR DAYS 10
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13. ADDITIONAL SOLICITATION REQUIREMENTS:

- A. Sealed offers in original and **2** copies to perform the work required are due at the place specified in Item 8 by **5:00pm** local time no later than **March 10, 2020**. If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.
- B. An offer guarantee is, is not required.
- C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.
- D. Offers providing less than **90** calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER (Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)	15. TELEPHONE NO. (Include area code)
16. REMITTANCE ADDRESS (Include only if different than Item 14)	
CODE	FACILITY CODE

17. The offeror agrees to perform the work at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government within _____ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.

AMOUNTS →

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS

The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each

AMENDMENT NO.									
DATE									

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER <i>(Type or print)</i>	20B. SIGNATURE	20C. OFFER DATE
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AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA
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24. SUBMIT INVOICES TO ADDRESS SHOWN IN <i>2 copies</i>	ITEM 7	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO <input type="checkbox"/> 10 U.S.C. 2304(c)() <input type="checkbox"/> 41 U.S.C. 253(c)()
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26. ADMINISTERED BY Block 31	CODE	27. PAYMENT WILL BE MADE BY
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CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

<input type="checkbox"/> 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return _____ copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration slated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications or incorporated by reference in or attached to this	<input type="checkbox"/> 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.
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30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)	31A. NAME OF CONTRACTING OFFICER (Type or print)
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30B. SIGNATURE	30C. DATE	31B. UNITED STATES OF AMERICA	31C. AWARD DATE
		BY	

REQUEST FOR QUOTATIONS - CONSTRUCTION

A. PRICE

The Contractor shall complete all work, including furnishing all labor, material, equipment and services required under this purchase order for the following firm fixed price and within the time specified. This price shall include all labor, materials, all insurances, overhead and profit.

Total Price (including DBA insurance, all labor, materials, overhead and profit)	
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A.1 VALUE ADDED TAX

VALUE ADDED TAX (VAT). The Government will not reimburse the Contractor for VAT under this contract. The Contractor shall not include a line for VAT on Invoices as the U.S. Embassy has a tax exemption certificate with the host government.

B. SCOPE OF WORK

The character and scope of the work are set forth in the contract. The Contractor shall furnish and install all materials required by this contract.

In case of differences between small and large-scale drawings, the latter will govern. Where a portion of the work is drawn in detail and the remainder of the work is indicated in outline, the parts drawn in detail shall apply also to all other portions of the work.

C. PACKAGING AND MARKING

Mark materials delivered to the site as follows:

**US Embassy Tbilisi GSO/19GG8020P0234
29 Georgian-American Friendship avenue
0131 Tbilisi, Georgia**

D. INSPECTION AND ACCEPTANCE

The U.S. Government's Contracting Officer, the COR, or his/her authorized representatives, will inspect from time to time the services being performed and the supplies furnished to determine whether work is being performed in a satisfactory manner, and that all supplies are of acceptable quality and standards.

The Contractor shall be responsible for any countermeasures or corrective action, within the scope of this contract, which may be required by the Contracting Officer as a result of such inspection.

D.1 SUBSTANTIAL COMPLETION

(a) "*Substantial Completion*" means the stage in the progress of the work as determined and certified by the Contracting Officer in writing to the Contractor, on which the work (or a portion designated by the Government) is sufficiently complete and satisfactory. Substantial completion means that the property may be occupied or used for the purpose for which it is intended, and only minor items such as touch-up, adjustments, and minor replacements or installations remain to be completed or corrected which:

- (1) do not interfere with the intended occupancy or utilization of the work, and
- (2) can be completed or corrected within the time period required for final completion.

(b) The "date of substantial completion" means the date determined by the Contracting Officer or authorized Government representative as of which substantial completion of the work has been achieved.

Use and Possession upon Substantial Completion - The Government shall have the right to take possession of and use the work upon substantial completion. Upon notice by the Contractor that the work is substantially complete (a Request for Substantial Completion) and an inspection by the Contracting Officer or an authorized Government representative (including any required tests), the Contracting Officer shall furnish the Contractor a Certificate of Substantial Completion. The certificate will be accompanied by a Schedule of Defects listing items of work remaining to be performed, completed or corrected before final completion and acceptance. Failure of the Contracting Officer to list any item of work shall not relieve the Contractor of responsibility for complying with the terms of the contract. The Government's possession or use upon substantial completion shall not be deemed an acceptance of any work under the contract.

D.2 FINAL COMPLETION AND ACCEPTANCE

D.2.1 "Final completion and acceptance" means the stage in the progress of the work as determined by the Contracting Officer and confirmed in writing to the Contractor, at which all work required under the contract has been completed in a satisfactory manner, subject to the discovery of defects after final completion, and except for items specifically excluded in the notice of final acceptance.

D.2.2 The "*date of final completion and acceptance*" means the date determined by the Contracting Officer when final completion of the work has been achieved, as indicated by written notice to the Contractor.

D.2.3 FINAL INSPECTION AND TESTS. The Contractor shall give the Contracting Officer at least five (5) days advance written notice of the date when the work will be fully completed and ready for final inspection and tests. Final inspection and tests will be started not later than the date specified in the notice unless the Contracting Officer determines that the work is not ready for final inspection and so informs the Contractor.

D.2.4 FINAL ACCEPTANCE. If the Contracting Officer is satisfied that the work under the contract is complete (with the exception of continuing obligations), the Contracting Officer shall issue to the Contractor a notice of final acceptance and make final payment upon:

- Satisfactory completion of all required tests,
- A final inspection that all items by the Contracting Officer listed in the Schedule of Defects have been completed or corrected and that the work is finally complete (subject to the discovery of defects after final completion), and
- Submittal by the Contractor of all documents and other items required upon completion of the work, including a final request for payment (Request for Final Acceptance).

E. DELIVERIES OR PERFORMANCE

52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to:

- (a) commence work under this contract within ten (10) calendar days after the date the Contractor receives the notice to proceed,
- (b) prosecute the work diligently, and,
- (c) complete the entire work ready for use not later than sixty (60) calendar days after the notice to proceed.

The time stated for completion shall include final cleanup of the premises.

52.211-12 LIQUIDATED DAMAGES - CONSTRUCTION (SEPT 2000)

(a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, the Contractor shall pay liquidated damages to the Government in the amount of **\$430 USD** for each calendar day of delay until the work is completed or accepted.

(b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Default clause.

CONTRACTOR'S SUBMISSION OF CONSTRUCTION SCHEDULES

(a) The time for submission of the schedules referenced in FAR 52.236-15, "Schedules for Construction Contracts", paragraph (a), is hereby modified to reflect the due date for submission as ten (10) calendar days after receipt of an executed contract".

(b) These schedules shall include the time by which shop drawings, product data, samples and other submittals required by the contract will be submitted for approval.

(c) The Contractor shall revise such schedules (1) to account for the actual progress of the work, (2) to reflect approved adjustments in the performance schedule, and (3) as required by the Contracting Officer to achieve coordination with work by the Government and any separate contractors used by the Government. The Contractor shall submit a schedule, which sequences work so as to minimize disruption at the job site.

(d) All deliverables shall be in the English language and any system of dimensions (English or metric) shown shall be consistent with that used in the contract. No extension of time shall be allowed due to delay by the Government in approving such deliverables if the Contractor has failed to act promptly and responsively in submitting its deliverables. The Contractor shall identify each deliverable as required by the contract.

(e) Acceptance of Schedule: When the Government has accepted any time schedule; it shall be binding upon the Contractor. The completion date is fixed and may be extended only by a written contract modification signed by the Contracting Officer. Acceptance or approval of any schedule or revision thereof by the Government shall not:

- (1) Extend the completion date or obligate the Government to do so,
- (2) Constitute acceptance or approval of any delay, or
- (3) Excuse the Contractor from or relieve the Contractor of its obligation to maintain the progress of the work and achieve final completion by the established completion date.

NOTICE OF DELAY

If the Contractor receives a notice of any change in the work, or if any other conditions arise which are likely to cause or are actually causing delays which the Contractor believes may result in late completion of the project, the Contractor shall notify the Contracting Officer. The Contractor's notice shall state the effect, if any, of such change or other conditions upon the approved schedule, and shall state in what respects, if any, the relevant schedule or the completion date should be revised. The Contractor shall give such notice promptly, not more than ten (10) days after the first event giving rise to the delay or prospective delay. Only the Contracting Officer may make revisions to the approved time schedule.

NOTICE TO PROCEED

(a) After receiving and accepting any bonds or evidence of insurance, the Contracting Officer will provide the Contractor a Notice to Proceed. The Contractor must then prosecute the work, commencing and completing performance not later than the time period established in the contract.

(b) It is possible that the Contracting Officer may elect to issue the Notice to Proceed before receipt and acceptance of any bonds or evidence of insurance. Issuance of a Notice to Proceed by the Government before receipt of the required bonds or insurance certificates or policies shall not be a waiver of the requirement to furnish these documents.

WORKING HOURS

All work shall be performed from 9:00 to 18:00 during regular business days. Other hours, if requested by the Contractor, may be approved by the Contracting Officer's Representative (COR). The Contractor shall give 24 hours' notice in advance to the COR who will consider any deviation from the hours identified above. Changes in work hours, initiated by the Contractor, will not be a cause for a price increase.

PRECONSTRUCTION CONFERENCE

A preconstruction conference will be held 10 days after contract award at the US Embassy Tbilisi, 29 Georgian-American Friendship avenue to discuss the schedule, submittals, notice to proceed, mobilization and other important issues that effect construction progress. See FAR 52.236-26, Preconstruction Conference.

DELIVERABLES - The following items shall be delivered under this contract:			
<u>Description</u>	<u>Quantity</u>	<u>Deliver Date</u>	<u>Deliver To</u>
Section G. Securities/Insurance	1	10 days after award	CO
Section E. Construction Schedule	1	10 days after award	COR
Section E. Preconstruction Conference	1	10 days after award	COR
Section G. Personnel Biographies	1	10 days after award	COR
Section F. Payment Request	1	Last calendar day of each month	COR
Section D. Request for Substantial Completion	1	5 days before inspection	COR
Section D. Request for Final Acceptance	1	2 days before inspection	COR

F. ADMINISTRATIVE DATA

652.242-70 CONTRACTING OFFICER'S REPRESENTATIVE (COR) (AUG 1999)

(a) The Contracting Officer may designate in writing one or more Government employees, by name or position title, to take action for the Contracting Officer under this contract. Each designee shall be identified as a Contracting Officer's Representative (COR). Such designation(s) shall specify the scope and limitations of the authority so delegated; provided, that the designee shall not change the terms or conditions of the contract, unless the COR is a warranted Contracting Officer and this authority is delegated in the designation.

(b) The COR for this contract is **Nino Nadirashvili, Quality Assurance Inspector.**

Payment: The Contractor's attention is directed to Section H, 52.232-5, "Payments Under Fixed-Price Construction Contracts". The following elaborates on the information contained in that clause.

Requests for payment, may be made no more frequently than monthly. Payment requests shall cover the value of labor and materials completed and in place, including a prorated portion of overhead and profit.

After receipt of the Contractor's request for payment, and on the basis of an inspection of the work, the Contracting Officer shall make a determination as to the amount, which is then due. If the Contracting Officer does not approve payment of the full amount applied for, less the retainage allowed by in 52.232-5, the Contracting Officer shall advise the Contractor as to the reasons.

Under the authority of 52.232-27(a), the 14 day period identified in FAR 52.232-27(a)(1)(i)(A) is hereby changed to 30 days.

Invoice shall be submitted to the address:

US Embassy Tbilisi Financial Management Office

29 Georgian American Friendship avenue

0131 Tbilisi, Georgia

The Contractor shall not include Value Added Tax (VAT) as a separate item on invoices submitted for payment.

Payment shall be made in local currency GEL at the exchange rate in effect the day an invoice is processed for payment by the Post Financial Management Officer.

The rate of exchange that shall be used to determine the amount of a payment shall be the official rate set by the Georgian Government on the day the Embassy's Finance Office makes payment.

G. SPECIAL REQUIREMENTS

G.1.0 PERFORMANCE/PAYMENT PROTECTION - The Contractor shall furnish some form of payment protection as described in 52.228-13 in the amount of 20% of the contract price.

G.1.1 The Contractor shall provide the information required by the paragraph above within ten (10) calendar days after award. Failure to timely submit the required security may result in rescinding or termination of the contract by the Government. If the contract is terminated, the Contractor will be liable for those costs as described in FAR 52.249-10, Default (Fixed-Price Construction), which is included in this purchase order.

G.1.2 The bonds or alternate performance security shall guarantee the Contractor's execution and completion of the work within the contract time. This security shall also guarantee the correction of any defects after completion, the payment of all wages and other amounts payable by the Contractor under its subcontracts or for labor and materials, and the satisfaction or removal of any liens or encumbrances placed on the work.

G.1.3 The required securities shall remain in effect in the full amount required until final acceptance of the project by the Government. Upon final acceptance, the penal sum of the performance security shall be reduced to 10% of the contract price. The security shall remain in effect for one year after the date of final completion and acceptance, and the Contractor shall pay any premium required for the entire period of coverage.

G.2.0 INSURANCE - The Contractor is required by FAR 52.228-5, "Insurance - Work on a Government Installation" to provide whatever insurance is legally necessary. The Contractor shall at its own expense provide and maintain during the entire performance period the following insurance amounts:

G.2.1 GENERAL LIABILITY (includes premises/operations, collapse hazard, products, completed operations, contractual, independent contractors, broad form property damage, personal injury):

(1) BODILY INJURY, ON OR OFF THE SITE, IN U.S. DOLLARS	
Per Occurrence	10,000.00 USD
Cumulative	100,000.00 USD
(2) PROPERTY DAMAGE, ON OR OFF THE SITE, IN U.S. DOLLARS	
Per Occurrence	500,000.00 USD
Cumulative	500,000.00 USD

G.2.2 The foregoing types and amounts of insurance are the minimums required. The Contractor shall obtain any other types of insurance required by local law or that are ordinarily or customarily obtained in the location of the work. The limit of such insurance shall be as

provided by law or sufficient to meet normal and customary claims.

G.2.3 The Contractor agrees that the Government shall not be responsible for personal injuries or for damages to any property of the Contractor, its officers, agents, servants, and employees, or any other person, arising from an incident to the Contractor's performance of this contract. The Contractor shall hold harmless and indemnify the Government from any and all claims arising therefrom, except in the instance of gross negligence on the part of the Government.

G.2.4 The Contractor shall obtain adequate insurance for damage to, or theft of, materials and equipment in insurance coverage for loose transit to the site or in storage on or off the site.

G.2.5 The general liability policy required of the Contractor shall name "the United States of America, acting by and through the Department of State", as an additional insured with respect to operations performed under this contract.

G.3.0 DOCUMENT DESCRIPTIONS

G.3.1 SUPPLEMENTAL DOCUMENTS: The Contracting Officer shall furnish from time to time such detailed drawings and other information as is considered necessary, in the opinion of the Contracting Officer, to interpret, clarify, supplement, or correct inconsistencies, errors or omissions in the Contract documents, or to describe minor changes in the work not involving an increase in the contract price or extension of the contract time. The Contractor shall comply with the requirements of the supplemental documents, and unless prompt objection is made by the Contractor within 20 days, their issuance shall not provide for any claim for an increase in the Contract price or an extension of contract time.

G.3.1.1. RECORD DOCUMENTS. The Contractor shall maintain at the project site:

- (1) a current marked set of Contract drawings and specifications indicating all interpretations and clarification, contract modifications, change orders, or any other departure from the contract requirements approved by the Contracting Officer; and,
- (2) a complete set of record shop drawings, product data, samples and other submittals as approved by the Contracting Officer.

G.3.1.2. "As-Built" Documents: After final completion of the work, but before final acceptance thereof, the Contractor shall provide:

- (1) a complete set of "as-built" drawings, based upon the record set of drawings, marked to show the details of construction as actually accomplished; and,
- (2) record shop drawings and other submittals, in the number and form as required by the specifications.

G.4.0 LAWS AND REGULATIONS - The Contractor shall, without additional expense to the Government, be responsible for complying with all laws, codes, ordinances, and regulations applicable to the performance of the work, including those of the host country, and with the lawful orders of any governmental authority having jurisdiction. Host country authorities may not enter the construction site without the permission of the Contracting Officer. Unless otherwise directed by the Contracting Officer, the Contractor shall comply with the more stringent of the requirements of such laws, regulations and orders and of the contract. In the event of a conflict between the contract and such laws, regulations and orders, the Contractor shall promptly advise the Contracting Officer of the conflict and of the Contractor's proposed course of action for resolution by the Contracting Officer.

G.4.1 The Contractor shall comply with all local labor laws, regulations, customs and practices pertaining to labor, safety, and similar matters, to the extent that such compliance is not inconsistent with the requirements of this contract.

G.4.2 The Contractor shall give written assurance to the Contracting Officer that all subcontractors and others performing work on or for the project have obtained all requisite licenses and permits.

G.4.3 The Contractor shall submit proper documentation and evidence satisfactory to the Contracting Officer of compliance with this clause.

G.5.0 CONSTRUCTION PERSONNEL - The Contractor shall maintain discipline at the site and at all times take all reasonable precautions to prevent any unlawful, riotous, or disorderly conduct by or among those employed at the site. The Contractor shall ensure the preservation of peace and protection of persons and property in the neighborhood of the project against such action. The Contracting Officer may require, in writing that the Contractor remove from the work any employee that the Contracting Officer deems incompetent, careless, insubordinate or otherwise objectionable, or whose continued employment on the project is deemed by the Contracting Officer to be contrary to the Government's interests.

G.5.1 If the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this contract, the Contractor shall immediately give notice, including all relevant information, to the Contracting Officer.

G.5.2 After award, the Contractor has ten (10) calendar days to submit to the Contracting Officer a list of workers and supervisors assigned to this project for the Government to conduct all necessary security checks. It is anticipated that security checks will take 15 calendar days to perform. For each individual the list shall include:

Full Name
Place and Date of Birth
Current Address
Identification number

Failure to provide any of the above information may be considered grounds for rejection and/or resubmittal of the application. Once the Government has completed the security screening and approved the applicants a badge will be provided to the individual for access to the site. This badge may be revoked at any time due to the falsification of data, or misconduct on site.

G.5.3 The Contractor shall provide an English-speaking supervisor on site at all times. This position is considered as key personnel under this purchase order.

G.6.0 Materials and Equipment - All materials and equipment incorporated into the work shall be new and for the purpose intended, unless otherwise specified. All workmanship shall be of good quality and performed in a skillful manner that will withstand inspection by the Contracting Officer.

G.7.0 SPECIAL WARRANTIES

G.7.1 Any special warranties that may be required under the contract shall be subject to the stipulations set forth in 52.246-21, "Warranty of Construction", as long as they are not in conflict.

G.7.2 The Contractor shall obtain and furnish to the Government all information required to make any subcontractor's, manufacturer's, or supplier's guarantee or warranty legally binding and effective. The Contractor shall submit both the information and the guarantee or warranty to the Government in sufficient time to permit the Government to meet any time limit specified in the guarantee or warranty, but not later than completion and acceptance of all work under this contract.

G.8.0 EQUITABLE ADJUSTMENTS

Any circumstance for which the contract provides an equitable adjustment that causes a change within the meaning of paragraph (a) of the "Changes" clause shall be treated as a change under that clause; provided, that the Contractor gives the Contracting Officer prompt written notice (within 20 days) stating:

- (a) the date, circumstances, and applicable contract clause authorizing an equitable adjustment and
- (b) that the Contractor regards the event as a changed condition for which an equitable adjustment is allowed under the contract

The Contractor shall provide written notice of a differing site condition within 10 calendar days of occurrence following FAR 52.236-2, Differing Site Conditions.

G.9.0 ZONING APPROVALS AND PERMITS

The Government shall be responsible for:

- obtaining proper zoning or other land use control approval for the project

- obtaining the approval of the Contracting Drawings and Specifications
- paying fees due for the foregoing; and,
- for obtaining and paying for the initial building permits.

H. CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <http://www.acquisition.gov/far/> or <http://farsite.hill.af.mil/vffara.htm>. Please note these addresses are subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Department of State Acquisition website at <https://www.ecfr.gov/cgi-bin/text-idx?SID=2e978208d0d2aa44fb9502725ecac4e5&mc=true&tpl=/ecfrbrowse/Title48/48chapter6.tpl> to access links to the FAR. You may also use an internet “search engine” (for example, Google, Yahoo, Excite) to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation clause(s) is/are incorporated by reference (48 CFR CH. 1):

<u>CLAUSE</u>	<u>TITLE AND DATE</u>
52.202-1	DEFINITIONS (NOV 2013)
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (OCT 2018)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2018)
52.204-18	COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE (JUL 2016)
52.204-19	INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)
52.204-25	PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATION AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (AUG 2019)
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED OR PROPOSED FOR DEBARMENT (OCT 2015)

- 52.209-9 UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (JUL 2013)
- 52.213-4 TERMS AND CONDITIONS-SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (AUG 2019)
- 52.216-7 ALLOWABLE COST AND PAYMENT (JUN 2013)
- 52.222-1 NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (FEB 1997)
- 52.222-19 CHILD LABOR – COOPERATION WITH AUTHORITIES AND REMEDIES (JAN 2018)
- 52.222-50 COMBATING TRAFFICKING IN PERSONS (FEB 2009)
- 52.223-18 ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (AUG 2011)
- 52.225-13 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUNE 2008)
- 52.225-14 INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT (FEB 2000)
- 52.228-4 WORKERS’ COMPENSATION AND WAR-HAZARD INSURANCE OVERSEAS (APR 1984)
- 52.228-5 INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997)
- 52.228-11 PLEDGES OF ASSETS (JAN 2012)
- 52.228-13 ALTERNATIVE PAYMENT PROTECTION (JULY 2000)
- 52.228-14 IRREVOCABLE LETTER OF CREDIT (NOV 2014)
- 52.229-6 TAXES - FOREIGN FIXED-PRICE CONTRACTS (FEB 2013)
- 52.229-7 TAXES- FIXED PRICE CONTRACTS WITH FOREIGN GOVERNMENTS (FEB 2013)
- 52.232-5 PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (MAY 2014)
- 52.232-8 DISCOUNTS FOR PROMPT PAYMENT (FEB 2002)
- 52.232-11 EXTRAS (APR 1984)
- 52.232-18 AVAILABILITY OF FUNDS (APR 1984)

- 52.232-22 LIMITATION OF FUNDS (APR 1984)
- 52.232-25 PROMPT PAYMENT (JULY 2013)
- 52.232-27 PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (MAY 2014)
- 52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER - SYSTEM FOR AWARD MANAGEMENT (OCT 2018)
- 52.232-34 PAYMENT BY ELECTRONIC FUNDS TRANSFER – OTHER THAN SYSTEM FOR AWARD MANAGEMENT (JULY 2013)
- 52.233-1 DISPUTES (MAY 2014) *Alternate I (DEC 1991)*
- 52.233-3 PROTEST AFTER AWARD (AUG 1996)
- 52.236-2 DIFFERING SITE CONDITIONS (APR 1984)
- 52.236-3 SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (APR 1984)
- 52.236-5 MATERIAL AND WORKMANSHIP (APR 1984)
- 52.236-6 SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)
- 52.236-7 PERMITS AND RESPONSIBILITIES (NOV 1991)
- 52.236-8 OTHER CONTRACTS (APR 1984)
- 52.236-9 PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS (APR 1984)
- 52.236-10 OPERATIONS AND STORAGE AREAS (APR 1984)
- 52.236-11 USE AND POSSESSION PRIOR TO COMPLETION (APR 1984)
- 52.236-12 CLEANING UP (APR 1984)
- 52.236-13 ACCIDENT PREVENTION (NOV 1991)
- 52.236-14 AVAILABILITY AND USE OF UTILITY SERVICES (APR 1984)
- 52.236-15 SCHEDULES FOR CONSTRUCTION CONTRACTS (APR 1984)
- 52.236-21 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FEB 1997)

- 52.236-26 PRECONSTRUCTION CONFERENCE (FEB 1995)
- 52.242-14 SUSPENSION OF WORK (APR 1984)
- 52.243-4 CHANGES (JUN 2007)
- 52.243-5 CHANGES AND CHANGED CONDITIONS (APR 1984)
- 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (AUG 2018)
- 52.245-2 GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES (APR 2012)
- 52.245-9 USE AND CHARGES (APR 2012)
- 52.246-12 INSPECTION OF CONSTRUCTION (AUG 1996)
- 52.246-17 WARRANTY OF SUPPLIES OF A NONCOMPLEX NATURE (JUN 2003)
- 52.246-21 WARRANTY OF CONSTRUCTION (MAR 1994)
- 52.249-2 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 2012) *Alternate I (SEPT 1996)*
- 52.249-10 DEFAULT (FIXED-PRICE CONSTRUCTION) (APR 1984)
- 52.249-14 EXCUSABLE DELAYS (APR 1984)

The following Department of State Acquisition Regulation (DOSAR) clause(s) is/are set forth in full text:

652.204-70 DEPARTMENT OF STATE PERSONAL IDENTIFICATION CARD ISSUANCE PROCEDURES (MAY 2011)

(a) The Contractor shall comply with the Department of State (DOS) Personal Identification Card Issuance Procedures for all employees performing under this contract who require frequent and continuing access to DOS facilities, or information systems. The Contractor shall insert this clause in all subcontracts when the subcontractor's employees will require frequent and continuing access to DOS facilities, or information systems.

(b) The DOS Personal Identification Card Issuance Procedures may be accessed at <http://www.state.gov/m/ds/rls/rpt/c21664.htm> .

(End of clause)

652.229-71 PERSONAL PROPERTY DISPOSITION AT POSTS ABROAD (AUG 1999)

Regulations at 22 CFR Part 136 require that U.S. Government employees and their families do not profit personally from sales or other transactions with persons who are not themselves entitled to exemption from import restrictions, duties, or taxes. Should the Contractor experience importation or tax privileges in a foreign country because of its contractual relationship to the United States Government, the Contractor shall observe the requirements of 22 CFR Part 136 and all policies, rules, and procedures issued by the chief of mission in that foreign country.

(End of clause)

CONTRACTOR IDENTIFICATION (JULY 2008)

Contract performance may require contractor personnel to attend meetings with government personnel and the public, work within government offices, and/or utilize government email.

Contractor personnel must take the following actions to identify themselves as non-federal employees:

- 1) Use an e-mail signature block that shows name, the office being supported and company affiliation (e.g. "John Smith, Office of Human Resources, ACME Corporation Support Contractor");
- 2) Clearly identify themselves and their contractor affiliation in meetings;
- 3) Identify their contractor affiliation in Departmental e-mail and phone listings whenever contractor personnel are included in those listings; and
- 4) Contractor personnel may not utilize Department of State logos or indicia on business cards.

(End of clause)

Health and Safety

Department of State Acquisition Regulations (DOSAR) 652.236-70 Accident Prevention.

ACCIDENT PREVENTION (APR 2004)

(a) *General.* The contractor shall provide and maintain work environments and procedures which will safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to contractor operations and activities; avoid interruptions of Government operations and delays in project completion dates; and, control costs in the performance of this contract. For these purposes, the contractor shall:

- (1) Provide appropriate safety barricades, signs and signal lights;
- (2) Comply with the standards issued by any local government authority having jurisdiction over occupational health and safety issues; and,
- (3) Ensure that any additional measures the contracting officer determines to be reasonably necessary for this purpose are taken.
- (4) For overseas construction projects, the contracting officer shall specify in writing additional requirements regarding safety if the work involves:
 - (i) Scaffolding;
 - (ii) Work at heights above two (2) meters;
 - (iii) Trenching or other excavation greater than one (1) meter in depth;
 - (iv) Earth moving equipment;
 - (v) Temporary wiring, use of portable electric tools, or other recognized electrical hazards. Temporary wiring and portable electric tools require the use of a ground fault circuit interrupter (GFCI) in the affected circuits; other electrical hazards may also require the use of a GFCI;
 - (vi) Work in confined spaces (limited exits, potential for oxygen less than 19.5 percent or combustible atmosphere, potential for solid or liquid engulfment, or other hazards considered to be immediately dangerous to life or health such as water tanks, transformer vaults, sewers, cisterns, etc.);
 - (vii) Hazardous materials – a material with a physical or health hazard including but not limited to, flammable, explosive, corrosive, toxic, reactive or unstable, or any operations which creates any kind of contamination inside an occupied building such as dust from demolition activities, paints, solvents, etc.; or
 - (viii) Hazardous noise levels.

(b) *Records.* The contractor shall maintain an accurate record of exposure data on all accidents incident to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to

or theft of property, materials, supplies, or equipment. The contractor shall report this data in the manner prescribed by the contracting officer.

(c) *Subcontracts*. The contractor shall be responsible for its subcontractors' compliance with this clause.

(d) *Written program*. Before commencing work, the contractor shall:

(1) Submit a written plan to the contracting officer for implementing this clause. The plan shall include specific management or technical procedures for effectively controlling hazards associated with the project; and,

(2) Meet with the contracting officer to discuss and develop a mutual understanding relative to administration of the overall safety program.

(e) *Notification*. The contracting officer shall notify the contractor of any non-compliance with these requirements and the corrective actions required. This notice, when delivered to the contractor or the contractor's representative on site, shall be deemed sufficient notice of the non-compliance and corrective action required. After receiving the notice, the contractor shall immediately take corrective action. If the contractor fails or refuses to promptly take corrective action, the contracting officer may issue an order suspending all or part of the work until satisfactory corrective action has been taken. The contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any suspension of work order issued under this clause.

A contractor carrying out a post managed project must submit a project safety and health plan that addresses the issues identified in the safety, health, and environmental management specification.

In the plan, the contractor shall identify risks, propose practices to reduce risks, and supply protective measures to protect employees from project hazards and nuisance. Activity Hazard Analyses (AHA) must be developed as necessary to address hazards during the pre-award phase. They shall designate a competent person or a project safety manager to implement and oversee the safety and health plan that must also address waste disposal, emergency response, rescue operations, prevention of hazardous discharge to the environment, and protection of occupied spaces.

Safety control measures outlined in the plan must be verified by post personal and the work stopped if the hazards are not controlled.

Contractor's General Responsibilities:

-Contractor must demonstrate understanding of their responsibilities under Post Managed Project safety program by addressing hazards in pre-planning processes and meetings.

-Contractors must provide their employees with a safe and healthful condition of employment.

-The contractor shall ensure individuals working at the site are trained and are aware of potential hazards. Contractors shall ensure these individuals are provided with proper safety equipment to prevent accident injury in accordance with the requirement of the contract.

Demolition/Renovation Safety Requirement:

Prior to initiating demolition and renovation activities, the following survey and plan shall be accomplished:

-An engineering survey shall be performed of the structure to determine the structure layout, the condition of framing, floors, walls, the possibility of unplanned collapse of any portion of the structure and existence of the other potential hazards.

-A demolition plan shall be developed and it shall be based on the engineering, lead and asbestos surveys and shall intend for the safe dismantling and removal of all building components and debris.

-All employees engaged in demolition/renovation activities shall be instructed in the plan so that they may conduct their work activities in a safe manner.

-Electric, water, steam, sewer and other service lines affected as a result of project work shall be shut off, capped, or otherwise controlled before demolition is started.

Material Handling, Storage and Disposal:

Material handling: Employees shall be trained in and safe use safe lifting techniques and use of PPE.

Material Storage: All materials in bags, containers, bundles, or stored in tiers shall be stacked, blocked, interlocked and limited in heights so that it is stable and secured against sliding or collapse. Materials shall not be stored in areas that would interfere with other normal operations. Specific precautions shall be used for the materials which need special storage.

Housekeeping: Work areas and means of access shall be maintained safe and orderly

Material Disposal: Waste material and rubbish shall be placed in containers or in piles. Waste material shall be piled or stacked so to prevent engulfment or material avalanche and away from any traffic areas or walkways.

Personal Protective Equipment:

Contractors are required to comply with the following provisions: Protective equipment for eyes, face , head, and extremities, protective clothing, respiratory devices and protective shields and barriers, shall be used wherever necessary it is necessary by reason of hazards of process or environment.

Hand and Power Tool safety

Contractors are required to:

- Ensure the safety of tools and equipment used by its employees anytime their employees utilize hand and power tools and other hand-held equipment.
- Ensure that all employees receive instruction on regulations and the safe use of each power tool.

Fall Protection

Use anytime a contractor is suspected to work at unguarded location above 1.8m.

Contractors are required to:

- Reduce the hazards associated with falls.
- Control fall hazards through engineering controls and personal fall arrest systems, administrative controls and training.
- Have the necessary fall protection equipment and appropriate ladders to safely perform the job and have workers properly trained in the use of fall protection equipment.

Electrical Safety

- Contractors are required to Identify any potential sources of electrical energy likely to cause death, injury, or serious physical harm.
- They are required to follow Lock-Out/Tag-Out procedures for Control of hazardous Energy as specified in OSHA 29 CFR 1910.147 Standard.

Barricading and Fencing

Contractors are responsible to maintain a safe and accessible path-of-travel for all pedestrians.

Contractor is required to:

- Erect and maintain for the duration of the Contract proper barricades including fencing material, traffic cones, caution tape complying with all access codes and regulations.
- maintain the project barriers in a sound, neat and clean condition.
- Ensure that no project material be stored and/or placed on the path-of travel.

Any other project safety requirement identified during the process shall be analyzed and a solution of elimination of the hazard to be coordinated with Post Safety representatives.

Dust Control Measures for Renovation Project

Contractor should manage dust during the project in order to control dust and other renovated-related airborne materials. For indoor work areas following mitigation measure shall be considered:

- Demarcate renovation areas from adjacent spaces with appropriate signage.
- Provide sticky floor mats at immediate entrance for renovation area to reduce dirt and debris transfer from the work area to surrounding halls and corridors.
- Spray water during demolition, as required to reduce airborne particles.
- Remove construction debris through approved route, covered, netted or otherwise contained to prevent dust generation, or remove during off-hours times.
- A thorough cleaning of the work area should be conducted prior to the removal of construction barriers. The exact procedure of the cleaning should be based on the job specific determination.

652.236-70 ADDITIONAL SAFETY MEASURES (OCT 2017)

In addition to the safety/accident prevention requirements of FAR 52.236-13, Accident Prevention Alternate I, the contractor shall comply with the following additional safety measures.

(a) *High Risk Activities.* If the project contains any of the following high risk activities, the contractor shall follow the section in the latest edition, as of the date of the solicitation, of the U.S. Army Corps of Engineers Safety and Health manual, EM 385-1-1, that corresponds to the high risk activity. Before work may proceed, the contractor must obtain approval from the COR of the written safety plan required by FAR 52.236-13, Accident Prevention Alternate I (see paragraph (f) below), containing specific hazard mitigation and control techniques.

(1) Scaffolding;

(2) Work at heights above 1.8 meters;

(3) Trenching or other excavation greater than one (1) meter in depth;

(4) Earth-moving equipment and other large vehicles;

(5) Cranes and rigging;

(6) Welding or cutting and other hot work;

(7) Partial or total demolition of a structure;

(8) Temporary wiring, use of portable electric tools, or other recognized electrical hazards. Temporary wiring and portable electric tools require the use of a ground fault circuit interrupter (GFCI) in the affected circuits; other electrical hazards may also require the use of a GFCI;

(9) Work in confined spaces (limited exits, potential for oxygen less than 19.5 percent or combustible atmosphere, potential for solid or liquid engulfment, or other hazards considered to be immediately dangerous to life or health such as water tanks, transformer vaults, sewers, cisterns, etc.);

(10) Hazardous materials - a material with a physical or health hazard including but not limited to, flammable, explosive, corrosive, toxic, reactive or unstable, or any operations, which creates any kind of contamination inside an occupied building such as dust from demolition activities, paints, solvents, etc.; or

(11) Hazardous noise levels as required in EM 385-1 Section 5B or local standards if more restrictive.

(b) *Safety and Health Requirements.* The contractor and all subcontractors shall comply with the latest edition of the U.S. Army Corps of Engineers Safety and Health manual EM 385-1-1, or OSHA 29 CFR parts 1910 or 1926 if no EM 385-1-1 requirements are applicable, and the accepted contractor's written safety program.

(c) *Mishap Reporting.* The contractor is required to report **immediately** all mishaps to the COR and the contracting officer. A “mishap” is any event causing injury, disease or illness, death, material loss or property damage, or incident causing environmental contamination. The mishap reporting requirement shall include fires, explosions, hazardous materials contamination, and other similar incidents that may threaten people, property, and equipment.

(d) *Records.* The contractor shall maintain an accurate record on all mishaps incident to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to or theft of property, materials, supplies, or equipment. The contractor shall report this data in the manner prescribed by the contracting officer.

(e) *Subcontracts.* The contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts.

(f) *Written program.* The plan required by paragraph (f)(1) of the clause entitled “Accident Prevention Alternate I” shall be known as the Site Safety and Health Plan (SSHP) and shall address any activities listed in paragraph (a) of this clause, or as otherwise required by the contracting officer/COR.

(1) The SSHP shall be submitted at least 10 working days prior to commencing any activity at the site.

(2) The plan must address developing activity hazard analyses (AHAs) for specific tasks. The AHAs shall define the activities being performed and identify the work sequences, the specific anticipated hazards, site conditions, equipment, materials, and the control measures to be implemented to eliminate or reduce each hazard to an acceptable level of risk. Work shall not begin until the AHA for the work activity has been accepted by the COR and discussed with all engaged in the activity, including the Contractor, subcontractor(s), and Government on-site representatives.

(3) The names of the Competent/Qualified Person(s) required for a particular activity (for example, excavations, scaffolding, fall protection, other activities as specified by EM 385-1-1) shall be identified and included in the AHA. Proof of their competency/qualification shall be submitted to the contracting officer or COR for acceptance prior to the start of that work activity. The AHA shall be reviewed and modified as necessary to address changing site conditions, operations, or change of competent/qualified person(s).

(End of clause)

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The Contractor warrants the following:

(1) That is has obtained authorization to operate and do business in the country or countries in which this contract will be performed;

(2) That is has obtained all necessary licenses and permits required to perform this contract; and,

(3) That it shall comply fully with all laws, decrees, labor standards, and regulations of said country or countries during the performance of this contract.

(b) If the party actually performing the work will be a subcontractor or joint venture partner, then such subcontractor or joint venture partner agrees to the requirements of paragraph (a) of this clause.

(End of clause)

652.243-70 NOTICES (AUG 1999)

Any notice or request relating to this contract given by either party to the other shall be in writing. Said notice or request shall be mailed or delivered by hand to the other party at the address provided in the schedule of the contract. All modifications to the contract must be made in writing by the Contracting Officer.

(End of clause)

LIST OF ATTACHMENTS

ATTACHMENT NUMBER	DESCRIPTION OF ATTACHMENT	NUMBER OF PAGES
Attachment 1	Standard Form 25, "Performance and Guaranty Bond"	N/A
Attachment 2	Standard Form 25A, "Payment Bond"	N/A
Attachment 3	Sample Bank Letter of Guaranty	Page 43
Attachment 4	Breakdown of Price by Divisions of Specifications	Page 44
Attachment 5	Scope of work	Pages 45-83
Attachment 6	Drawings	Pages 84-99

J. QUOTATION INFORMATION

The Offeror shall include Defense Base Act (DBA) insurance premium costs covering employees. The offeror may obtain DBA insurance directly from any Department of Labor approved providers at the DOL website at <http://www.dol.gov/owcp/dlhwc/lscarrier.htm>

A. QUALIFICATIONS OF OFFERORS

Offerors/quoters must be technically qualified and financially responsible to perform the work described in this solicitation. At a minimum, each Offeror/Quoter must meet the following requirements:

- (1) Be able to understand written and spoken English;
- (2) Have an established business with a permanent address and telephone listing;
- (3) Be able to demonstrate prior construction experience with suitable references;
- (4) Have the necessary personnel, equipment and financial resources available to perform the work;
- (5) Have all licenses and permits required by local law;
- (6) Meet all local insurance requirements;
- (7) Have the ability to obtain or to post adequate performance security, such as bonds, irrevocable letters of credit or guarantees issued by a reputable financial institution;
- (8) Have no adverse criminal record; and
- (9) Have no political or business affiliation which could be considered contrary to the interests of the United States.

B. SUBMISSION OF QUOTATIONS

This solicitation is for the performance of the construction services described in SCOPE OF WORK, and the Attachments which are a part of this request for quotation.

Each quotation must consist of the following:		
VOLUME	TITLE	NUMBER OF COPIES*
I	Standard Form 1442 including a completed Attachment 4, "BREAKDOWN OF PROPOSAL PRICE BY DIVISIONS OF SPECIFICATIONS	2
II	Performance schedule in the form of a "bar chart" and Business Management/Technical Proposal	2

Submit the complete quotation to the address indicated. If mailed, on Standard Form 1442, or if hand-delivered, use the address set forth below:

US Embassy Tbilisi / GSO
29 Georgian-American Friendship avenue
0131, Tbilisi, Georgia
Subject: Solicitation #19GG8020Q0234

The Offeror/Quoter shall identify and explain/justify any deviations, exceptions, or conditional assumptions taken with respect to any of the instructions or requirements of this request for quotation in the appropriate volume of the offer.

Volume II: Performance schedule and Business Management/Technical Proposal.

(a) Present the performance schedule in the form of a "bar chart" indicating when the various portions of the work will be commenced and completed within the required schedule. This bar chart shall be in sufficient detail to clearly show each segregable portion of work and its planned commencement and completion date.

(b) The Business Management/Technical Proposal shall be in two parts, including the following information:

Proposed Work Information - Provide the following:

- (1) A list of the names, addresses and telephone numbers of the owners, partners, and principal officers of the Offeror;
- (2) The name and address of the Offeror's field superintendent for this project;
- (3) A list of the names, addresses, and telephone numbers of subcontractors and principal materials suppliers to be used on the project, indicating what portions of the work will be performed by them; and,

Experience and Past Performance - List all contracts and subcontracts your company has held over the past three years for the same or similar work. Provide the following information for each contract and subcontract:

- (1) Customer's name, address, and telephone numbers of customer's lead contract and technical personnel;
- (2) Contract number and type;
- (3) Date of the contract award place(s) of performance, and completion dates; Contract dollar value;
- (4) Brief description of the work, including responsibilities; and
- (5) Any litigation currently in process or occurring within last 5 years.

C. 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) A site visit has been scheduled for **February 20, 2020 11:00am**. **Interested contractors shall provide by email TbilisiGSOProcurement@state.gov names of the employees who will attend the site visit no later than February 18, 2020.**

(c) Participants will meet at **US Embassy Tbilisi, 29 Georgian-American Friendship Avenue; Entrance 3.**

D. MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be: 140,000 USD

E. LATE QUOTATIONS. Late quotations shall be handled in accordance with FAR.

F. 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates the following provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer.

Also, the full text of a solicitation provision may be accessed electronically at: <http://acquisition.gov/far/index.html/> or <http://farsite.hill.af.mil/vffara.htm>. Please note these addresses are subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Department of State Acquisition website at <http://www.statebuy.state.gov> to access the link to the FAR, or use of an Internet "search engine" (for example, Google, Yahoo or Excite) is suggested to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation provisions are incorporated by reference (48 CFR CH. 1):

<u>PROVISION</u>	<u>TITLE AND DATE</u>
52.204-7	SYSTEM FOR AWARD MANAGEMENT (OCT 2018)
52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (JUL 2016)

52.214-34

SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE
(APR 1991)

52.215-1

INSTRUCTIONS TO OFFERORS--COMPETITIVE
ACQUISITION (JAN 2004)

K. EVALUATION CRITERIA

Award will be made to the lowest priced, acceptable, responsible quoter. The Government reserves the right to reject quotations that are unreasonably low or high in price.

The Government will determine acceptability by assessing the offeror's compliance with the terms of the RFQ. The Government will determine responsibility by analyzing whether the apparent successful quoter complies with the requirements of FAR 9.1, including:

- ability to comply with the required performance period, taking into consideration all existing commercial and governmental business commitments;
- satisfactory record of integrity and business ethics;
- necessary organization, experience, and skills or the ability to obtain them;
- necessary equipment and facilities or the ability to obtain them; and
- otherwise, qualified and eligible to receive an award under applicable laws and regulations.

SECTION L - REPRESENTATIONS, CERTIFICATIONS AND
OTHER STATEMENTS OF OFFERORS OR QUOTERS

L.1 52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

"Common parent", as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)", as used in this provision, means the number required by the IRS to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision in order to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325 (d), reporting requirements of 26 USC 6041, 6041A, and 6050M and implementing regulations issued by the Internal Revenue Service (IRS). If the resulting contract is subject to the reporting requirements described in FAR 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments

(c) otherwise due under the contract.

(d) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 USC 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(e) Taxpayer Identification Number (TIN).

TIN: _____

- TIN has been applied for.
- TIN is not required because:
 - Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.;
 - Offeror is an agency or instrumentality of a foreign government;
 - Offeror is an agency or instrumentality of the Federal Government.

(e) Type of Organization.

- Sole Proprietorship;
- Partnership;
- Corporate Entity (not tax exempt);
- Corporate Entity (tax exempt);
- Government Entity (Federal, State or local);
- Foreign Government;

- International organization per 26 CFR 1.6049-4;
- Other _____.

(f) Common Parent.

- Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause.
- Name and TIN of common parent:
Name _____
TIN _____

(End of provision)

52.204-8 Annual Representations and Certifications (OCT 2018)

(a) (1) The North American Industry classification System (NAICS) code for this acquisition is _____ *[insert NAICS code]*.

(2) The small business size standard is _____ *[insert size standard]*.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) (1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7, System for Award Management, is not included in this solicitation, and the Offeror has an active registration in the System for Award Management (SAM), the Offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The Offeror shall indicate which option applies by checking one of the following boxes:

(i) Paragraph (d) applies.

(ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c) (1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$250,000.

(iii) 52.203-18, Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements—Representation. This provision applies to all solicitations.

(iv) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(v) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(vi) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations—Representation.

(vii) 52.209-5; Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(viii) 52.209-11, Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.

(ix) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(x) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(xi) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(xii) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

(xiii) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.

(xiv) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.

(xv) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xvi) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xvii) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA- designated items.

(xviii) 52.223-22, Public Disclosure of Greenhouse Gas Emissions and Reduction Goals—Representation. This provision applies to solicitations that include the clause at 52.204-7.

(xix) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xx) 52.225-4, Buy American--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225- 3.

(A) If the acquisition value is less than \$25,000, the basic provision applies.

(B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.

(C) If the acquisition value is \$50,000 or more but is less than \$80,317, the provision with its Alternate II applies.

(D) If the acquisition value is \$80,317 or more but is less than \$100,000, the provision with its Alternate III applies.

(xxi) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xxii) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations.

(xxiii) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran—Representation and Certification. This provision applies to all solicitations.

(xxiv) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(2) The following representations or certifications are applicable as indicated by the Contracting Officer:

___ (i) 52.204-17, Ownership or Control of Offeror.

___ (ii) 52.204-20, Predecessor of Offeror.

___ (iii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

___ (iv) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Certification.

___ (v) 52.222-52 Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.

___ (vi) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

___ (vii) 52.227-6, Royalty Information.

___ (A) Basic.

___ (B) Alternate I.

___ (viii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The Offeror has completed the annual representations and certifications electronically in SAM accessed through <https://www.sam.gov>. After reviewing the SAM information, the Offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by

reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause	Title	Date	Change

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

(End of Provision)

L.3. 52.225-18 PLACE OF MANUFACTURE (SEPT 2006)

(a) *Definitions.* As used in this clause—

“Manufactured end product” means any end product in Federal Supply Classes (FSC) 1000-9999, except—

- (1) FSC 5510, Lumber and Related Basic Wood Materials;
- (2) Federal Supply Group (FSG) 87, Agricultural Supplies;
- (3) FSG 88, Live Animals;
- (4) FSG 89, Food and Related Consumables;
- (5) FSC 9410, Crude Grades of Plant Materials;
- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and
- (10) FSC 9630, Additive Metal Materials.

“Place of manufacture” means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly—

- (1) In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or
- (2) Outside the United States.

(End of provision)

L.4 AUTHORIZED CONTRACTOR ADMINISTRATOR

If the offeror does not fill-in the blanks below, the official who signed the offer will be deemed to be the offeror's representative for Contract Administration, which includes all matters pertaining to payments.

Name:
Telephone Number:
Address:

L.5 52.225-20 PROHIBITION ON CONDUCTING RESTRICTED BUSINESS OPERATIONS IN SUDAN – CERTIFICATION (AUG 2009)

(a) *Definitions.* As used in this provision—

“Business operations” means engaging in commerce in any form, including by acquiring, developing, maintaining, owning, selling, possessing, leasing, or operating equipment, facilities, personnel, products, services, personal property, real property, or any other apparatus of business or commerce.

“Marginalized populations of Sudan” means—

- (1) Adversely affected groups in regions authorized to receive assistance under section 8(c) of the Darfur Peace and Accountability Act (Pub. L. 109-344) (50 U.S.C. 1701 note); and
- (2) Marginalized areas in Northern Sudan described in section 4(9) of such Act.

“Restricted business operations” means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person conducting the business can demonstrate—

- (1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;
- (2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;
- (3) Consist of providing goods or services to marginalized populations of Sudan;
- (4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;
- (5) Consist of providing goods or services that are used only to promote health or education; or
- (6) Have been voluntarily suspended.

(b) *Certification.* By submission of its offer, the offeror certifies that it does not conduct any restricted business operations in Sudan.

(End of provision)

L.6. 52.209-2 PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS REPRESENTATION (NOV 2015)

(a) Definitions. “Inverted domestic corporation” and “subsidiary” have the meaning given in the clause of this contract entitled Prohibition on Contracting with Inverted Domestic Corporations ([52.209-10](#)).

(b) Government agencies are not permitted to use appropriated (or otherwise made available) funds for contracts with either an inverted domestic corporation, or a subsidiary of an inverted domestic corporation, unless the exception at [9.108-2\(b\)](#) applies or the requirement is waived in accordance with the procedures at [9.108-4](#).

(c) Representation. The Offeror represents that.

- (1) It is, is not an inverted domestic corporation; and
- (2) It is, is not a subsidiary of an inverted domestic corporation.

52.204-24 REPRESENTATION REGARDING CERTAIN TELECOMMUNICATIONS AND VIDEO SUEILLANCE SERVICES OR EQUIPMENT (AUG 2019)

(End of provision)

ATTACHMENT #1

STANDARD FROM 25, "PERFORMANCE AND GUARANTY BOND"
N/A

ATTACHMENT #2

STANDARD FORM 25A, "PAYMENT BOND"
N/A

ATTACHMENT #3 - SAMPLE LETTER OF BANK GUARANTY

Place []

Date []

Contracting Officer
U.S. Embassy Tbilisi
29 Georgian-American
Friendship avenue
0131 Tbilisi, Georgia

Letter of Guaranty No. _____

SUBJECT: Performance and Guaranty

The Undersigned, acting as the duly authorized representative of the bank, declares that the bank hereby guarantees to make payment to the Contracting Officer by check made payable to the Treasurer of the United States, immediately upon notice, after receipt of a simple written request from the Contracting Officer, immediately and entirely without any need for the Contracting Officer to protest or take any legal action or obtain the prior consent of the Contractor to show any other proof, action, or decision by an other authority, up to the sum of **[amount equal to 20% of the contract price in U.S. dollars during the period ending with the date of final acceptance and 10% of the contract price during contract guaranty period]**, which represents the deposit required of the Contractor to guarantee fulfillment of his obligations for the satisfactory, complete, and timely performance of the said contract **[contract number]** for **[description of work]** at **[location of work]** in strict compliance with the terms, conditions and specifications of said contract, entered into between the Government and **[name of contractor]** of **[address of contractor]** on **[contract date]**, plus legal charges of 10% per annum on the amount called due, calculated on the sixth day following receipt of the Contracting Officer’s written request until the date of payment.

The undersigned agrees and consents that said contract may be modified by Change Order or Supplemental Agreement affecting the validity of the guaranty provided, however, that the amount of this guaranty shall remain unchanged.

The undersigned agrees and consents that the Contracting Officer may make repeated partial demands on the guaranty up to the total amount of this guaranty, and the bank will promptly honor each individual demand.

This letter of guaranty shall remain in effect until 3 months after completion of the guaranty period of Contract requirement.

Depository Institution: [name]

Address: _____

Representatives: _____

Location: _____

_____ State of Inc.: _____

_____ Corporate Seal: _____

Certificate of Authority is attached evidencing authority of the signer to bind the bank to this document.

**ATTACHMENT #4 - UNITED STATES DEPARTMENT OF STATE
BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS**

(1) DIVISION/DESCRIPTION (2) LABOR (3) MATERIALS (4) OVERHEAD
(5) PROFIT (6) TOTAL

1. General Requirements
2. Site Work

3. Concrete
4. Masonry

5. Metals
6. Wood and Plastic

7. Thermal and Moisture
8. Doors and Windows

9. Finishes
10. Specialties

11. Equipment
12. Furnishings

13. Special Construction
14. Conveying Systems

15. Mechanical
16. Electrical

TOTAL: USD

Allowance Items:

PROPOSAL PRICE: _____

TOTAL: **USD**

Alternates (list separately; do not total):

Offeror: _____ **Date** _____

PRICE BREAKDOWN BY DIVISION OF SPECIFICATION ITEMS

ATTACHMENT #5 – SCOPE OF WORK**Renovation of the 1st Floor of the MSGQ Building****Section B – Statement of Work**

Goal: The goal of the Embassy is to ensure the area is appealing, to provide new cermaic tiles, repaint all walls and ceilings, replace damaged ceiling panels, replace damaged baseboards, improve lighting, replace hood, cabinets, repair doors and other accessories. The purpose of the project is to repair old work that has expired it's life circle and to protect the building from possible damages.

B.1 General

This item includes all work associated with complete replacement of the existing wall/ floor tiles and subflooring in kitchen and storage room, repainting of whole walls and ceilings, replacement of hood exhaust pipe together with hood, damaged drywall panels, damaged dropped ceiling panels, light fixtures, cabinets, countertops, sinks, faucets, accessories, electrical fixtures, plumbing fixtures, valves, associated insulation, flanges, piping, etc. located in the kitchen, storage room, bar, living room and hall of Embassy MSGQ building. The work also includes re-grouting of floor tiles, repairing/replacing baseboards, providing new service locks for kitchen, replacing bulbs with LEDs, etc. Additional details are below and/or included in the plans and specifications.

B.2 List of Products, Materials, Equipment

B.2.1 Below listed items shall be purchased, provided and installed by Contractor. Models and specifications are indicated below. Contractor shall inform COR and get all required approvals in case s/he wants to change any material/fixture. Contractor is responsible for providing and installing all other plumbing, electrical, carpentry materials or connection details/adaptors (only European, certified products are acceptable) that are required to complete the project successfully.

N	Item	Manufacturer	Model	Specifications	Unit	Quant.
1	Extra Wall Tile for Kitchen	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible quality on local market	m ²	2
2	Extra Floor Tile for Kitchen and Storage Room	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible quality on local market	m ²	4

3	Tile Corner Element for Kitchen	-	-	Built-in, aluminum, with rounded edges	m	20
4	Ceiling Service Entrance Lock for Kitchen	Knauf	-	Fire Rated Insulated Access Door with 1" Flange. Material: 16 gauge galvanized steel, Finish: Galvanized Steel. Lockable and on hinges. Dimension shall be rechecked in advance on place.	Unit	1
5	HVAC Diffuser Panels for Kitchen and Storage Room	European/US Manufacturer	-	White, 4 way 10" (size shall be checked on place before purchasing the product), collar hi. Vol. supply. With insulated back	Unit	3
6	Towel Rod	Rav Slezak	Colorado COA0701/45		Unit	2
7	Hook with 2 hooks	Rav Slezak	Colorado COA0102		Unit	2
8	Trash Bin for Kitchen	European Manufacturer	Contractor shall provide samples and USG will choose the model	Properly sized for dedicated space. Installed on drawer slides. Material shall be stainless steel	Unit	2
9	Trash Bin for Bar	European Manufacturer	Contractor shall provide samples	Properly sized for dedicated space.		

			and USG will choose the model	Material shall be stainless steel		
10	Soap Dispenser	European Manufacturer	Contractor shall provide samples and USG will choose the model	Manual, Stainless Steel	Unit	2
11	Custom Made Countertop	European Manufacturer	Model will be chosen by USG	Material shall be highest possible quality on local market	Unit	2
12	Cabinets (1 set in bar, 1 set in kitchen, 2 in storage room)	Assembled Manually	-	Draft drawings are included in SOW. Assembling information is in section B.4.2.3 Material information is in section B.2.4.	Unit	5

B.2.2 Below listed items will be provided by USG and shall be installed by Contractor.

N	Item	Comments	Unit	Quantity
1	Drywall Panels for Walls		m ²	15+10%
2	Drywall Panels for Ceilings		m ²	19+10%
3	Ceiling Light Fixture for Kitchen		Unit	4
4	Bulb for Ceiling Light Fixture		Unit	34
5	Dropped Ceiling Panels for storage room and hall		m ²	52
6	Bulbs for Ceiling Light Fixtures (Round)		Unit	29
7	Bulbs for Bar Ceiling Light Fixtures (on top of the bar)		Unit	3
9	Bulbs for Pool Light Fixture		Unit	2
9	Light Fixtures of Dropped Ceiling Panel		Unit	11
10	Rubber Baseboard		m	80
11	Door Leaf		Unit	1
12	Food Disposal		Unit	1
13	Faucet for Kitchen		Unit	1

14	Syphon for Kitchen		Unit	1
15	Hood		Unit	1

B.2.3 Below listed items shall be removed during construction, restored and installed back. All works with these items shall be conducted by contractors.

N	Item	Comments	Unit	Quantity
1	Ceiling Light Fixture		Unit	8
2	Ceiling Light Fixtures (Round)		Unit	29
3	Ceiling Light Fixtures (on top of the bar)		Unit	3
4	Pool Light Fixture		Unit	1
5	HVAC Registers		Unit	6
6	HVAC Diffusers		Unit	7

B.2.4 Below listed materials (or approved equal) shall be provided by contractor and used for all construction works. It is contractor's responsibility to calculate required quantities based on describe works and given space/room dimensions. Material models and specifications are indicated.

N	Item	Manufacturer	Model	Remarks
1	Wall Tile for Kitchen	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible quality on local market
2	Floor Tile for Kitchen and Storage room	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible quality on local market
3	Clips for Tiles	T-Lock	Clips for tiles	1 mm clips shall be used for walls and 2 mm ones for floors
4	Primer for Floor	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market
5	Hydro Insulation	Mapei (Italy)	Mapegum WPS	
6	Hydro Insulation Tape	Mapei (Italy)	Mapeband	
7	Tile Glue (Adhesive for tiles)	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market. Proper for the required works

8	Anodized Wire Mash for Subflooring	-	-	¾ X ¾ mash with around 1,5 mm thick wires
9	Floor Screed	-	-	1:3-1:4.5 ratio of cement to sharp sand. Highest quality, European materials shall be used.
10	Grout for Kitchen, Bar and Storage Room	Mapei (Italy)	Kerapoxy Design	Color shall be suitable with tile colors
11	Grout for Floors in living room and hall	Mapei (Italy)	Ultracolor Plus 120 (+drop effect)	Color shall be suitable with tile colors
12	Ceiling Plastering Material	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market. Proper for the required works (for using in wet spaces)
13	Mesh Tape	European Manufacturer	-	Thick, high quality
14	Primer for Ceiling	Alpina	Tiefgrund LF	Special primer for interior
15	Ceiling Paint for Kitchen	Caparol Alpina	Kuche und Bad	Color will be indicated by USG
16	Ceiling Paint for living room, bar and hall	Caparol Alpina	CapaSilan	Color will be indicated by USG
17	Wall Plastering Material	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market. Proper for the required works (for using in wet spaces)
18	Primer for Wall	Alpina	Tiefgrund LF	Special primer for interior
19	Wall Paint	Caparol Alpina	Kinder Zimmer (for children's room)	Color for each room will be indicated by USG
20	Oil paint for door frames	Alpina	Weisslack for interior and exterior	Color will be indicated by USG
21	Paint and lacquer for door leaf	Syntilor	Sérénité Lasure Deco Patinee	Use suitable color (or transparent one) so that it matched existing color (Savanna SA07). Contractor shall make sure that lacquer is Matte .
22	Lacquers for door leaf	Alpina	Weisslack	Use suitable color (or transparent one) so that it matched existing color (Savanna SA07).

				Contractor shall make sure that lacquer is Matte .
23	Aluminum Paint for Windowsills	European Manufacturer	-	Special paint for aluminum. Highest possible quality. Color will be indicated by USG.
24	Plastering material for custom made bar	Sintopierre	Repare Sols & Murs (for stones. For interior and exterior. Ready to Use)	Color will be indicated by USG
25	Hood Exhaust Pipe	European Manufacturer	-	Highest quality material proper for the function. Pipe material shall be approved by COR in advance.
26	Angle Valves	European Manufacturer	-	High quality. Proper for existing system.
27	Cabinet Material (MDF)	European Manufacturer	MDF. Design will be chosen by USG	MDF shall be highest possible quality on local market. They shall be suitable for using in wet areas.
28	Cabinet Accessories and Mechanisms	European Manufacturer	Contractor shall provide samples and USG will choose accessories	Accessories shall be highest possible quality on local market.
29	Under Cabinet Light Fixture for Kitchen	European Manufacturer	-	Light fixture shall be cleanable (with glass or plastic cover), suitable for dump location, LED, 3500-4000K

B.2.4 The contractor shall provide a minimum of 3 sources of equipment with cut sheets (Specification Sheet) to replace the existing equipment with like in kind. In addition, the replacement of the existing equipment will be required to be more energy efficient and has to get an approval from COR in advance.

B.2.5 The Contractor shall also be reimbursed for costs for any **major fixtures or appliances** ordered under the task order above and beyond items in **Section B** if additional items are required during the project. No profit shall be added to this material/equipment. All costs of materials/equipment shall be itemized on the invoice, such as purchase price of material/equipment, cost of transportation and cost of handling.

B.3 Electrical Requirements:

B.3.1 Only double isolated solid copper wire shall be used for wiring (wire size shall be suitable for dedicated branch circuit).

B.3.2 Wire size shall follow the following sizes based on amps:

N	Wires	(Comparable U.S. Wire Size)	Amps
1	1.5 sq mm	(smaller than #14 AWG, 15A)	10A
2	2.5 sq mm	(smaller than #12 AWG, 20A)	16A
3	4 sq mm	(smaller than #10 AWG, 30A)	25A
4	6 sq mm	(smaller than #8 AWG, 50A)	40A
5	10 sq mm	(smaller than #6 AWG, 65A)	50A
6	16 sq mm	(smaller than #4 AWG, 85A)	60A

B.3.3 All electrical wire connections in junction boxes shall have wire nuts (taped over with insulated tape) with no exposed bare wire.

B.3.4 All interior and exterior exposed wires shall be completely covered with conduit and fastened.

B.3.5 All electrical sockets shall have correct polarity.

B.3.6 All built-in wires or those wires that are behind drywall/dropped ceiling panels, shall be in conduits. Conduit type and material shall be approved by COR in advance.

B.3.7 If any wire is damaged or new wiring is required, all works shall be completed according to existing situation (in the same way as it's conducted now).

B.3.8 Any electrical isolation and de-isolation prior and after electrical works must be agreed with Embassy Electrical Engineer in advance. Lock-out, tag-out procedures must be implemented.

B.4 Scope of Work

B.4.1 Preparation Works

1. The Contractor shall change out whole kitchen, storage room, bar, living room and halls simultaneously. Installation of new items shall meet all of the manufacture's installation guidelines and specifications;
2. Construction sign shall be placed on MSGQ entrances and walkway side walls;
3. Construction area has to be barricaded from unauthorized personnel and workers access. All workers shall be escorted;

4. Construction waste container shall be provided and installed on the territory. Container shall be barricaded;
5. Areas shall be free of waste materials, debris, and rubbish during the whole construction works. Maintain site in a clean and orderly condition;
6. All removed materials/furniture/products during the project shall be stored and protected in accordance with manufacturers' instructions. Storage space for all USG property and materials will be provided by Embassy.
7. Temporarily electrical power supply and illumination shall be placed for construction activities in all working areas. At least one illumination shall be provided per room. Wiring, bulbs/fixtures, extensions, etc are under contractor's responsibility after authority is approved on provided items;
8. Before commencing demolition and installation, examine roughing-in for concrete equipment bases, anchor-bolt sizes and locations, and piping and electrical connections to verify actual locations, sizes, and other conditions affecting drainage, maintenance, and operations;
9. Isolate and lock/tag out the electrical, domestic water supply, ventilation in-out ducts (including dedicated rooftop units), HVAC systems and panels, fire alarm detection sensors and detectors, fire suppression system, drainage/sewage system lines under close supervision of Embassy personal;
10. Demo, label and store or protect on place (according to nature of fixture) all existing detectors on ceilings and walls;
11. Disconnect piping, insulation, and old valves;
12. Protect all walls, floors, ceilings and furniture with special material..

B.4.2 Kitchen, Storage Room and Bar

B.4.2.1 Demolition, Disposal and Salvage/Re-use in

1. Demo, label and store all accessories;
2. Demo, label and store countertops, cabinets, sinks;
3. Demo, label and store all appliances, fixtures, etc.
4. Demo, label and store all faucets;
5. Demo, label and store all light fixtures, outlets, switches, etc in kitchen and storage room.
6. Demo, label and store 1 service entrance hall in kitchen;
7. Demo, label and store HVAC diffusers in kitchen and storage room. Totally – 3 items;
8. Demo, label and store HVAC registers in kitchen and storage room. Totally – 2 items;
9. Isolate/cover HVAC supply/exhaust lines with special material to protect systems from any dust/rubbish. Fasten/hang panels on ceiling so that no detail was damaged;
10. Demo, label and store damaged storage room door leaf – 1 item;
11. Demo and dispose existing baseboard in kitchen and storage room. Total length is – 33 m;

12. Demo and dispose existing wall and floor tiles in kitchen and storage room; Total area for floors are – 31 m², for walls are – 2 m²;
13. Demo and dispose existing drywall panels on walls till dropped ceiling line only on those places where tiles were removed and hood was installed (without damaging profiles). Total area is – 10 m²;
14. Demo and dispose existing drywall panels of dropped ceiling (without damaging profiles). Total area is - 19 m²;
15. Demo and dispose existing dropped ceiling panels in storage room. Total area is – 12 m²;
16. Demo and dispose subflooring but the founding/structural footing and all plumbing (supply, drain) lines are not to be touched/removed or damaged. Total area is - 31 m²;
17. Reuse existing insulation.

B.4.2.2 New Installation

1. Ensure the drains and utility lines that may run under the floor surface or behind drywall panels of walls/ceilings are protected and don't have any damages;
2. Strengthen all places behind the drywall where cabinets, accessories, service entrance locks, light fixtures and other materials will be installed on walls and ceilings;
3. Replace hood exhaust tube with a new, approved tube. Exhaust shall be inclined properly. Install hood tube cover on the exterior of the building;
4. Install new drywall panels on walls. Total area is – 10 m²;
5. Install new drywall panels on ceiling. Total area is - 19 m²;
6. Provide and install 1 service entrance lock in kitchen ceiling;
7. Install new, USG provided dropped ceiling panels in storage room. Total area is – 12 m²;
8. Install foam edge insulation between drywall panels and floor screed. Total length is – 33 m.
9. Prepare and install new subflooring according to the existing situation in kitchen and storage rooms. Please take into consideration, that existing floor layers are unknown for us and it will be contractor's responsibility to accurately make all demolition works, take all required measurements and go through the possible solutions with COR. Contractors can continue working only after getting all required approvals from COR. Area is – 31 m².
 - A. In case there is floor screed under tiles:
 1. Remove subflooring and old sand;
 2. Remove all old dirt and materials;
 3. If required, place silica sand on top of the slab. Layer depth shall be proper to existing situation.
 4. Install anodized wire mesh (indicated in approved material list);
 5. Install floor screed (semi-dry) with a 1:3-1:4.5 ratio of cement to sharp sand. Thickness shall be 70 mm.
 - B. In case tiles are directly installed on a slab:
 1. Remove concrete at around 50-100 mm depth so that you get flat surface;
 2. Go over the surface with a wire brush to rough it up to help the new concrete adhere to the old;
 3. Clean the surface properly;

4. Water the old concrete to prevent it from absorbing moisture from the new concrete;
 5. Install anodized wire mesh (indicated in approved material list);
 6. Install floor screed (semi-dry) with a 1:3-1:4.5 ratio of cement to sharp sand. Thickness shall be 70 mm.
10. Provide and install all required connections and adaptors (only European, certified products are acceptable) for a sink;
 11. Install USG provided door leaf (one item) in storage room.
 12. Apply hydro insulation tape around all corners/connections (wall and wall, wall and floor connections). Length is approximately 33 m. Use Adesilex LP or Adesilex PVC HP (rather than a waterproofing product) for the joints between pieces of tape;
 13. Apply hydro insulation on the whole floors. (Do not apply hydro insulation if temperature is lower than +5°C and if surface is not fully dry, free of mold/damp and is not well cleaned). Substrates which are highly absorbent or gypsum must be pre-treated with primer (usually diluted with water at a ratio of 1:1 or 1:2 to ensure thorough penetration). Wait several hours until the coating of primer is completely dry. Hydro insulation must be applied evenly in thin coats (approx. 1 mm maximum per coat). Wait until the first coat is dry before applying further coats crossways (1-2 hours according to temperature conditions). The final thickness of insulation must never be less than 1 mm. Make sure there are no gaps. Wait 24 hours on absorbent substrates or 4-5 days on substrates which are not absorbent. Area is – 31 m².
 14. Apply floor/wall primer for tile installation. Floor area is – 31 m², wall area is – 10 m²;
 15. Furnish and install new floor, wall tiles and tile baseboards. Wall tiles are - 10 m² and floor tiles are – 31 m². Baseboard total length is – 33 m. Height shall be – 10 cm. Check specifications for approved tiles first. For tile layout, get an approval from COR before you start installation:
 - A. **General** - Before tile installation begins, the installer is responsible for checking the tile for obvious visual defects. Cartons and pallets of tile must be blended to achieve an aesthetic blend. Comply with applicable parts of ANSI A-108 Series for ceramic tile installation. Extend tile work into recesses, and under and behind equipment and fixtures except where otherwise shown. Fit tile to electrical outlets, piping, fixtures and other penetrations so that plates, collars or covers overlap tile. Joints shall align vertically and horizontally between trim and field tile. Grout tile to comply with reference installation standards using grout materials indicated.
 - B. **Surface Preparation** - Make sure surface is clean, smooth, dry and free of wax, soap scum and grease. Remove any moldings, trim, appliances, or anything that could interfere with installation.
 - C. **Layout** - Mark the center point of all four walls. Snap chalk lines between the center points of opposite walls (adjust if necessary). Using tile spacers, lay out a row of loose tiles along the center lines in both directions. Tiles on walls shall be symmetrical to the vertical, central line of each wall. Tiles on floors shall be symmetrical to a central point of floor. Leave space for uniform joints. Divide the room into smaller grids (approx. 2 ft x 3 ft) by snapping additional lines parallel to center lines.

- D. **Applying Adhesive** - Mix only enough adhesive or mortar to be used within 30 minutes. Using the type of trowel recommended on the adhesive package, spread a 1/4 in. coat on the surface of one grid area, using the flat side of the trowel. Use the notched side of trowel to comb adhesive into standing ridges by holding trowel at a 45° angle. Remove excess adhesive, leaving a uniform, ridged setting bed. For large format tiles, butter the backside of the tile to ensure proper full-coverage. Use a medium bed mortar for tiles with a dimensional length greater than 15 inches on any one side.
- E. **Cutting Tile** - Carefully measure tiles and mark with a pencil or felt-tip pen. Make straight or diagonal cuts with a tile cutter, curved cuts with a nipper (chipping away small pieces for best results), and full-length curve cuts with a rod saw. Smooth out sharpcut edges with a carborundum stone.
- F. **Setting Tile** - Install tiles in the center, one grid at a time. Finish each grid before moving to the next. Start with the first tile in the corner of the grid and work outward. Set tiles one at a time using a slight twisting motion. NOTE: Don't slide tiles into place. As each tile is set, insert tile leveler clips and spacers as described below for equal joints between tiles and flat surface. Fit perimeter tiles in each grid last, leaving 1/4 in. gap between tile and wall. When finished, tap in all tiles with a rubber mallet or hammer and wood block, to ensure a good bond and level plane. Remove excess adhesive from joints with a putty knife, and from tile with a damp sponge.
- G. **Leveling Clips** - Use tile leveling clips (listed in the approved material list) for proper installation. Tile leveling clips shall be used next to each tile to tile connection (at least two clips on each side of tile). Use 1,0 mm clips for walls and 2,0 mm clips for floor tiles. Use tile spacers (X shaped) in each corner. 1,0 mm spacers shall be used for wall tiles and 2.0 mm spacers for floor tiles.
- H. Install built-in, rounded, aluminum tile corner elements on all external corners. Total length of corner element is – 10 m.
- I. Baseboard tiles shall come on top of floor tiles (Intersection shall be at least 8 mm. deep).
- J. **Grouting** - Clean all tile-to-tile connections accurately and apply grout that is indicated in approved material list properly. Go through all connections one more time and add grout if it's missing anywhere.
- K. **Initial Cleaning** - The complete removal of grout and construction dirt after products have been installed will improve daily maintenance. Clean successfully by scrubbing the installation with hot water and a pH neutral liquid cleaner (soapless), followed by a thorough rinsing, then remove the rinse water with a wet vacuum or dry toweling. If some residue remains, further cleaning will need to be done in consultation with the grout manufacturer. For more aggressive cleaning, floor scrubbing machines equipped with nylon pads or brushes should be used. Wet vacuuming of the suspended dirt and grout is recommended.
- L. **Finished Floors** - Leave finished installation free of cracked, chipped, broken, unbonded or otherwise defective tile work. Protect all floor tile installations with kraft paper or other heavy covering during construction period to prevent staining or damage. **No foot or wheel traffic permitted on floor for at least 3 days after grouting.**

16. Plaster walls and ceiling with approved material. Total wall area is – 97 m² and total ceiling area is – 19 m²;
17. Apply prime on walls and ceiling. Total wall area is – 97 m² and total ceiling area is – 19 m²;
18. Repaint all ceilings with at least two coats of paint (make three coats if required) to get plain color. Total area is – 19 m²;
19. Repaint all walls with at least two coats of paint (make three coats if required) to get plain color. Total area is – 97 m²;
20. Sand and repaint window sills with special aluminum paint in kitchen (use paint sprayer or other proper tool for painting. Using brushes and rollers are not acceptable). Totally there are 2 sills;
21. Make all required works, including wiring that is necessary to make lighting for the whole length of upper cabinet;
22. Clean main sewage line with special chemicals and special metal wire cleaner. The whole line from kitchen till sewage well shall be cleaned.

B.4.2.3 Installation of Appliances/Fixtures/Accessories

1. Install all outlets, switches and other details as required;
2. Replace bulbs in ceiling light fixtures and install the fixtures. Totally – 4 units;
3. Clean existing HVAC registers in kitchen and storage room properly with special chemicals. Totally - 2 units;
4. Provide and install new HVAC diffusers on the same location where they were installed before. Totally – 3 units (2 in kitchen and 1 in storage room);
5. Reinstall existing HVAC registers on the same location as they were installed before. Totally - 2 units in kitchen and storage room;
6. Install new, USG provided dropped ceiling light fixtures in storage room. Total quantity is – 2 items;
7. Restore existing bar countertop (sand with granite sander and polish it (all materials are in an approved material list)) in bar. If countertop or any part of countertop is damaged by the contractors, contractor will be responsible for replacing the whole unit with a new, similar one on behalf of his/her own fees;
8. Reinstall existing bar countertop (wooden) higher than it was installed before. Space between floor and bottom part of the countertop shall be approximately 1.1 m;
9. Provide and install new cabinets for kitchen, storage room and bar. It's Contractor's responsibility to take detailed measurements of the existing situation and assemble new cabinets accordingly. USG will only provide draft drawing of cabinet layouts. All detailed drawings and offered materials shall be provided by contractors in advance and approved by CO:
 - A. Kitchen cabinet shall be “U” shaped. Side one length shall be approximately – 2.0 m. side two – 5.9 m. and side three – 3.2 m. Depth of lower cabinet shall be approximately – 0.65 m. and depth of upper cabinet shall be approximately 0.40 m. Height of lower cabinet shall be approximately – 0.9 m and upper cabinet height shall be approximately – 1.4 m. Please take into consideration that under

- cabinet light fixture shall be installed and it shall be leveled to the bottom of the cabinet;
- B. Storage room cabinet approximate dimensions are: 3.1 x 0.6 x 2.9 (WxDxH) and “U” shaped cabinet approximate dimensions are: Side 1 – 1.5 m. Side 2 – 3.1 m. Side 3 – 1.5 m. Depth – 0.6 m. Height – 2.9 m. These cabinets shall have metal supports;
 - C. Bar cabinet approximate dimensions are: 2.9 x 0.9 x 0.9 (WxDxH), 2.1 x 0.6 x 0.9 (WxDxH) and upper cabinet - 2.1 x 0.3 x 1.1 (WxDxH).
10. Provide and install new custom made countertops with custom made baseboards. It’s Contractor’s responsibility to match countertops with cabinets and USG provided sinks. USG will only provide draft drawing. Contractors shall provide samples of countertop materials and colors and detailed drawings in advance for getting an approval from COR:
 - A. Kitchen countertop shall be “U” shaped. Side one length shall be approximately – 2.0 m. side two – 5.9 m. and side three – 3.2 m. Depth of the countertop shall be approximately – 0.65 m. Height of baseboard shall be approximately 4-6 cm;
 - B. Bar countertop approximate dimension is: 2.1 x 0.6 (WxD). Height of baseboard shall be approximately 4-6 cm.
 11. Provide and install lighting under upper cabinet in kitchen. Length is approximately 7.3 meters;
 12. Install one existing sink with faucet in bar countertop and one new, USG provided sink in kitchen countertop;
 13. Install new, USG provided food disposal under sink in kitchen. Also install new faucets, pipes, syphons, etc. for kitchen and bar sinks. It’s contractors responsibility to make all required connections and drain/supply lines (only European, certified products are acceptable) properly;
 14. Provide and install angle valves for all supply lines in kitchen and bar;
 15. Install USG provided hood in kitchen;
 16. Reinstall existing appliances. All appliances shall be taken into consideration while assembling new cabinets;
 17. Provide and install all accessories that are listed above (towel rods/rings, hooks, soap baskets/dispensers, dish drainers, etc.) in kitchen, storage room and bar;
 18. Before finishing works, make sure that silicones are applied properly around drain line connections and other required areas.

B.4.3 Living Room, Hall and Bar

B.4.3.1 Demolition, Disposal and Salvage/Re-use

1. Demo, label and store all accessories;
2. Demo, label and store all cabinets and furniture;
3. Demo, label and store all light fixtures;
4. Protect all outlets, switches, valves and other details with special materials. Also use masking tape to make all painting works properly and accurately;
5. Remove all nails/screws from ceilings and walls;
6. Demo, label and store HVAC diffusers. Totally – 7 units;

7. Demo, label and store HVAC registers. Totally – 4 units;
8. Isolate/cover HVAC supply/exhaust lines with special material to protect systems from any dust/rubbish. Fasten/hang panels on ceiling so that no detail was damaged;
9. Demo and dispose existing dropped ceiling panels in hallways. Total area is – 40 m²;
10. Demo and dispose existing rubber baseboards. Total length is – 80 m;
11. Leave existing floors untouched and undamaged. In case of damaging, it will be contractor's responsibility to provide and install same type of new tiles;
12. Ensure that no utilities have any damages.

B.4.3.2 New Installation

1. Strengthen all places behind the drywall where cabinets, accessories, mirrors, light fixtures and other materials will be installed on walls and ceilings;
2. Install USG provided, new rubber baseboard. Total length is – 80 m;
3. Remove all grout from tile to tile connections with a special tool. Clean all connections well and apply new grout properly. Go through all connections one more time and add grout if it's missing anywhere. Totally tiled floor area is – 145 m² and tile baseboard length is – 37 m;
4. Attach loose tile baseboards back on place properly and apply grout. Total length of loose baseboards will be maximum 2 m (contractor shall take detailed measurement before starting the project);
5. Salvage and re-use existing doors (ones with wood texture) without demolition. Totally - 16 doors:
 - A. Restore (sand and repaint) frames with oil paint;
 - B. Remove, restore (sand and varnish) and install door leaves back;
 - C. Adjust all doors.
6. Salvage and re-use existing metal doors without demolition. Totally - 5 doors:
 - A. Restore (sand and repaint) door frames with oil paint;
 - B. Remove, restore (sand and repaint with oil paint) and install door leaves back;
 - C. Adjust all doors.
7. Install new, USG provided dropped ceiling light fixtures. Total quantity is – 9 units;
8. Install new, USG provided dropped ceiling panels. Total area is – 40 m²;
9. Plaster all walls and ceiling with approved material. Patch and repair all cracks, holes and humid areas properly. For sealing use approved mesh tape. Totally walls are – 330 m² and ceilings are – 105 m²;
10. Apply prime on walls and ceiling. Totally walls are – Totally walls are – 330 m² and ceilings are – 105 m²;
11. Repaint all walls with at least two coats of paint (make three coats if required) to get plain color. Wall area is – 330 m²;
12. Repaint all ceilings with at least two coats of paint (make three coats if required) to get plain color. Ceiling area is – 105 m²;

B.4.3.3 Installation of Appliances/Fixtures/Accessories

1. Replace bulbs with USG provided LEDs. Total quantity is – 34 units;
2. Install all light fixtures back on place. Total quantity is – 33 units;
3. Clean existing HVAC registers and diffusers properly with special chemicals. Totally – 4 registers and 7 diffusers;
4. Reinstall existing HVAC registers and diffusers on the same location as they were installed before. Totally – 4 registers and 7 diffusers;
5. Install all outlets, fixtures, detectors and other removed materials back on place.

B.4.4 Cleanup, Finish of all Works

1. Remove all tools and extra material;
2. Remove electrical isolation under supervision of Embassy electrical personal;
3. Make final, general cleaning of all floors, walls, ceilings and fixtures/accessories properly with non-hazardous materials;
4. Put/install all furniture and accessories back on place;
5. Provide extra, labeled materials;
6. Go through removed and stored items with COR and disposed those that are no more needed;
7. Remove all temporary facilities, barricades, waste container, etc from construction area.

END OF SECTION

Renovation of the 2nd Floor of the MSGQ Building

Section B – Statement of Work

Goal: The goal of the Embassy is to ensure the area is appealing, replace floors, cabinets, improve lighting, repair doors and other accessories. The purpose of the project is to repair old work that has expired its life cycle and to protect the building from possible damages.

B.1 General

This item includes all work associated with complete replacement of the existing carpet floors in bedrooms with tiles, replacement of floors in hallways and staircase, renovation of all walls, ceilings and doors on the second floor, replacement of damaged dropped ceiling panels, cabinets, wardrobes, etc. that are located in MSGQ building. The repair work includes renovation of 8 bedrooms, 2nd floor hallways, staircase and emergency stairs.

This item also includes all work associated with complete replacement of the existing wall and floor tiles, subflooring, drywall panels till the dropped ceiling line (without damaging drywall profiles), dropped ceiling panels (without damaging profiles), service entrance locks, plumbing fixtures (bathrooms, toilets, sinks, all faucet complex, thermal mixing valves, drains etc.), cabinets, bathroom accessories, electrical fixtures, etc. located in the bathrooms of 2nd floor bedrooms in Embassy MSGQ building. The repair work includes renovation of 8 bathrooms. Creating of O&M manuals and red-line drawings.

Additional details are below and/or included in the plans and specifications.

B.2 List of Products, Materials, Equipment

B.2.1 Materials for Bedrooms, Hall, Staircase and Emergency Stairs

B.2.1.1 Below listed items shall be purchased, provided and installed by Contractor. Models and specifications are indicated below. Contractor shall inform COR and get all required approvals in case s/he wants to change any material/fixture. Contractors are responsible for providing and installing all other plumbing, electrical, carpentry materials or connection details/adaptors (only European, certified products are acceptable) that are required to complete the project successfully.

N	Item	Manufacturer	Model	Specifications	Unit	Quant.
1	Extra Floor Tile	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible	m ²	17

				quality on local market		
2	Tile transition strip	European Manufacturer	Model will be chosen by USG	Strip shall be aluminum and highest possible quality on local market	m	8
3	Wardrobe/Cabinet	Assembled Manually	-	Draft drawings are included in SOW. Assembling information is in section B.4.2.3. Material information is in section B.2.1.4.	Unit	8

B.2.1.2 Below listed items will be provided by USG and shall be installed by Contractor. Models and specifications are indicated.

N	Item	Comments	Unit	Quantity
1	Extra Drywall Panels for Walls		m ²	10%
2	Extra Drywall Panels for Ceilings		m ²	10%
3	Dimmer Light Switch		Units	8+2
4	Dimmer Light Fixture with bulbs		Units	8+2
5	Bulbs for Ceiling Light Fixtures in Bedroom Halls		Units	8+2
6	Bulb for Ceiling Light Fixtures in Hallways		Units	9+3
7	Dropped Ceiling Panels in Hallways		m ²	30
8	Rugs for Bedrooms		Units	8+2
9	Floor Rug for Hallways		m ²	30
10	Floor Rug for Stairs		m ²	30
11	Rubber Baseboard for Hallway		m	53
12	Rubber Baseboard for Stairs		m	30

B.2.1.3 Below listed items shall be removed during construction, restored and installed back. All works with these items shall be conducted by contractors.

N	Item	Comments	Unit	Quantity
1	Ceiling light fixture in bedrooms and halls		Unit	17
2	Ceiling light fixture in staircase		Unit	2
3	HVAC diffusers in hallways and bedrooms		Unit	10
4	HVAC registers in hallways and bedrooms		Unit	9

B.2.1.4 Below listed materials (or approved equal) shall be provided by Contractor and used for all construction works. It is contractor's responsibility to calculate required quantities based on describe works and given space/room dimensions. Material models and specifications are indicated.

N	Item	Manufacturer	Model	Remarks
1	Floor and Baseboard Tile	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible quality on local market
2	Clips for Tiles	T-Lock	Clips for tiles	1 mm clips shall be used for walls and 2 mm ones for floors
3	Primer for Floor	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market
4	Hydro Insulation	Mapei (Italy)	Mapegum WPS	
5	Hydro Insulation Tape	Mapei (Italy)	Mapeband	
6	Tile Glue (Adhesive for tiles)	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market. Proper for the required works
7	Adhesive for floor rug	European or US Manufacturer	-	Highest possible quality found on local market. Shall not contain hazardous chemicals
8	Stair Corner Element	European Manufacturer	Contractor shall provide samples and USG will choose the material	Aluminum. Highest possible quality found on local market. Proper for the required works
9	Rubber for Stair Edges	European Manufacturer	Contractor shall provide samples and	Highest possible quality found on local market. Proper

			USG will choose the material	for the required works
10	Floor Screed	-	-	1:3-1:4.5 ratio of cement to sharp sand. Highest quality, European materials shall be used.
11	Anodized Wire Mash for Subflooring	-	-	$\frac{3}{4}$ X $\frac{3}{4}$ mash with around 1,5 mm thick wires
12	Grout for Bedrooms	Mapei (Italy)	Ultracolor Plus 120 (+drop effect)	Color shall be suitable with tile colors
13	Mesh Tape	European Manufacturer	-	Thick, high quality
14	Ceiling Plastering Material	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market. Proper for the required works (for using in bedrooms)
15	Primer for Ceiling	Alpina	Tiefgrund LF	Special primer for interior
16	Ceiling Paint	Caparol Alpina	Kuche und Bad	Color will be indicated by USG
17	Primer for Wall	Alpina	Tiefgrund LF	Special primer for interior
18	Wall Plastering Material	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market. Proper for the required works (for using in bedrooms)
19	Wall Paint	Caparol Alpina	Kinder Zimmer (for children's room)	Color will be indicated by USG
20	Oil paint for door frames and metal door leaf	Alpina	Weisslack for interior and exterior	Color will be indicated by USG
21	Paint and lacquer for door leaf	Syntilor	Sérénité Lasure Deco Patinee	Use suitable color (or transparent one) so that it matched existing color (Savanna SA07). Contractor shall

				make sure that lacquer is Matte .
22	Anti-corrosion Material	European manufacturer	-	Hight quality, non-hazardous product
23	Lacquers for door leaf	Alpina	Weisslack	Use suitable color (or transparent one) so that it matched existing color (Savanna SA07). Contractor shall make sure that lacquer is Matte .
24	Oil paint for metal details (railings, roof entrance locks, etc.)	Alpina	Weisslack for interior and exterior	Color will be indicated by USG
25	Aluminum Paint for Window Sills	European Manufacturer	-	Special paint for aluminum. Highest possible quality. Color will be indicated by USG.
26	Baseboard for Emergency Stairs	European Manufacturer	Contractor shall provide samples and USG will choose the material	Plastic. Highest possible quality found on local market. CO will choose the color
27	Paint for Emergency Stair	European manufacturer	Contractor shall provide samples and USG will choose the material	2 Component, anti-slip, apox, oil paint for floors/walls. Highest possible quality on local market.
28	Cabinet Material (Laminate Board) for Wardrobes	European Manufacturer	Model will be chosen by USG	Laminate shall be highest possible quality on local market. They shall be suitable for using in wet areas.
29	Cabinet Accessories and Mechanisms for Wardrobes	European Manufacturer	Contractor shall provide samples and USG will choose accessories	Accessories shall be highest possible quality on local market.

B.2.1.5 The contractor shall provide a minimum of 3 sources of equipment with cut sheets (Specification Sheet) to replace the existing equipment with like in kind. In addition, the

replacement of the existing equipment will be required to be more energy efficient and has to get an approval from COR in advance.

B.2.1.6 The Contractor shall also be reimbursed for costs for any **major fixtures or appliances** ordered under the task order above and beyond items in **Section B** if additional items are required during the project. No profit shall be added to this material/equipment. All costs of materials/equipment shall be itemized on the invoice, such as purchase price of material/equipment, cost of transportation and cost of handling.

B.2.2 Materials for Bathrooms

B.2.2.1 Below listed items shall be purchased, provided and installed by Contractor. Models and specifications are indicated below. Contractor shall inform COR and get all required approvals in case s/he wants to change any material/fixture. Contractors are responsible for providing and installing all other plumbing, electrical, carpentry materials or connection details/adaptors (only European, certified products are acceptable) that are required to complete the project successfully.

N	Item	Manufacturer	Model	Specifications	Unit	Quantity
1	Extra Wall Tile	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible quality on local market	m ²	15
2	Extra Floor Tile	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible quality on local market	m ²	5
3	Tile Corner Element	-	-	Built-in, aluminum, with rounded edges	m	40
4	Service Entrance Lock	Knauf	-	Fire Rated Insulated Access Door with 1" Flange. Material: 16 gauge galvanized steel, Finish: Galvanized Steel. Lockable and on hinges. Dimension shall be rechecked in advance on place.	Unit	8
5	Extra Service Entrance Lock	Knauf	-	Fire Rated Insulated Access Door with 1" Flange. Material: 16 gauge galvanized steel, Finish: Galvanized Steel. Lockable and on	Unit	2

				hinges. Dimension shall be rechecked in advance on place.		
6	Shower Faucet	Hansgrohe	Croma S240 Shower Pipe single - 27269000		Unit	8
7	Extra Shower Faucet	Hansgrohe	Croma S240 Shower Pipe single - 27269000		Unit	2
8	Soap Holder for Shower	Rav Slezak	Colorado COA0301		Unit	8
9	Shelve for Shower	Bemeta Design	Double Corner 102308132		Unit	8
10	Towel Rod	Rav Slezak	Colorado COA0701/45		Unit	8
11	Towel Ring	Rav Slezak	Colorado COA0104		Unit	8
12	Hook with 2 hooks	Rav Slezak	Colorado COA0102		Unit	8
13	Toilet Paper Holder	Bemeta Design	Alfa 102412012		Unit	8
14	Toilet Brush	Bemeta Design	Omega 102313066		Unit	8
15	Trash Bin	European Manufacturer	Contractor shall provide samples and USG will choose the model	Stainless Steel	Unit	8
16	Soap Dispenser	European Manufacturer	Contractor shall provide samples and USG will choose the model	Manual, Stainless Steel	Unit	8
17	Toothbrush Holder	Rav Slezak	Colorado COA0201		Unit	8
18	Toilet Seat	European or US Manufacturer	-	Proper size for existing toilets. High quality product with all fastening details.	Unit	8
19	Extra Toilet Seat	European or US Manufacturer	-	Proper size for existing toilets. High quality product with all fastening details.	Unit	2
20	Curtain	European Manufacturer	Contractor shall provide samples for plain curtains. USG will choose the model	High quality	Unit	8

21	Cabinet	Assembled Manually	-	Draft drawings are included in SOW. Assembling information is in section B.4.6.3. Material information is in section B.2.2.4.	Unit	8
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B.2.2.2 Below listed items will be provided by USG and shall be installed by Contractor.

N	Item	Comments	Unit	Quantity
1	Drywall Panels for Walls		m ²	155+10%
2	Drywall Panels for Ceilings		m ²	30+10%
3	Bulb for Ceiling Light Fixture		Unit	8+2
4	Mirror Light Fixture		Unit	8+2
5	Bathtub		Unit	8+2
6	Curtain Rod		Unit/m	8+2

B.2.2.3 Below listed items shall be removed during construction, restored if required and installed back. All works with these items shall be conducted by contractors.

N	Item	Comments	Unit	Quantity
1	Ceiling Light Fixture		Unit	8
2	HVAC Registers in Bathrooms		Unit	8
3	Toilet Fixture		Unit	8
4	Countertop with baseboard		Unit	8
5	Sink		Unit	8
6	Sink Faucet		Unit	8
7	Mirror		Unit	8

B.2.2.4 Below listed materials (or approved equal) shall be provided by Contractor and used for all construction works. It is Contractor's responsibility to calculate required quantities based on below described works and given space/room dimensions. Material models and specifications are indicated.

N	Item	Manufacturer	Model	Remarks
1	Wall Tile	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible quality on local market
2	Floor Tile	European Manufacturer	Model will be chosen by USG	Tiles shall be highest possible quality on local market

3	Primer for Floors and Walls	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market
4	Clips for Tiles	T-Lock	Clips for tiles	1 mm clips shall be used for walls and 2 mm ones for floors
5	Anodized Wire Mesh for Subflooring	-	-	¾ X ¾ mash with around 1,5 mm thick wires
6	Floor Screed	-	-	1:3-1:4.5 ratio of cement to sharp sand. Highest quality, European materials shall be used.
7	Hydro Insulation	Mapei (Italy)	Mapegum WPS	
8	Hydro Insulation Tape	Mapei (Italy)	Mapeband	
9	Tile Glue (Adhesive for tiles)	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market. Proper for the required works
10	Grout for wet areas	Mapei (Italy)	Kerapoxy Design	Color shall be suitable with tile colors
11	Ceiling Plastering Material	European Manufacturer	Contractor shall provide samples and USG will choose the material	Highest possible quality found on local market. Proper for the required works (for using in wet spaces)
12	Mesh Tape	European Manufacturer	-	Thick, high quality
13	Primer for Ceiling	Alpina	Tiefgrund LF	Special primer for interior
14	Ceiling Paint	Caparol Alpina	Kuche und Bad	Color will be indicated by USG
15	Oil paint for door frames	Alpina	Weisslack for interior and exterior	Color will be indicated by USG
16	Paint/lacquer for door leaf	Syntilor	Sérénité Lasure Deco Patinee	Use suitable color (or transparent one) so that it matched existing color (Savanna SA07). Contractor shall make sure that lacquer is Matte .
17	Lacquers for door leaf	Alpina	Weisslack	Use suitable color (or transparent one) so

				that it matched existing color (Savanna SA07). Contractor shall make sure that lacquer is Matte.
18	Mirror Frame	-	-	Stainless Steel
19	Granite Plastering Material for Countertops	Sintopierre	Repare Sols & Murs (for stones. For interior and exterior. Ready to Use)	Color will be indicated by USG
20	Cabinet Material (MDF) for Sinks	European Manufacturer	MDF. Design will be chosen by USG	MDF shall be highest possible quality on local market. They shall be suitable for using in wet areas.
21	Cabinet Accessories and Mechanisms	European Manufacturer	Contractor shall provide samples and USG will choose accessories	Accessories shall be highest possible quality on local market.

B.2.2.5 The Contractor shall provide a minimum of 3 sources of equipment with cut sheets (Specification Sheet) to replace the existing equipment with like in kind. In addition, the replacement of the existing equipment will be required to be more energy efficient and has to get an approval from COR in advance.

B.2.2.6 The Contractor shall be reimbursed for costs for any **major fixtures or appliances** ordered under a separate purchase order above and beyond items in **Section B** if additional items are required during the project. No profit shall be added to this material/equipment. All costs of materials/equipment shall be itemized on the invoice, such as purchase price of material/equipment, cost of transportation and cost of handing.

B.3 Electrical Requirements:

B.3.1 Only double isolated solid copper wire shall be used for wiring (wire size shall be suitable for dedicated branch circuit).

B.3.2 Wire size shall follow the following sizes based on amps:

N	Wires	(Comparable U.S. Wire Size)	Amps
1	1.5 sq mm	(smaller than #14 AWG, 15A)	10A
2	2.5 sq mm	(smaller than #12 AWG, 20A)	16A
3	4 sq mm	(smaller than #10 AWG, 30A)	25A
4	6 sq mm	(smaller than #8 AWG, 50A)	40A

5	10 sq mm	(smaller than #6 AWG, 65A)	50A
6	16 sq mm	(smaller than #4 AWG, 85A)	60A

B.3.3 All electrical wire connections in junction boxes shall have wire nuts (taped or with insulated tape) with no exposed bare wire.

B.3.4 All interior and exterior exposed wires shall be completely covered with conduit and fastened.

B.3.5 All electrical sockets shall have correct polarity.

B.3.6 All built-in wires or those wires that are behind drywall/dropped ceiling panels, shall be in conduits. Conduit type and material shall be approved by COR in advance.

B.3.7 If any wire is damaged or new wiring is required, all works shall be completed according to existing situation (in the same way as it's conducted now).

B.3.8 Any electrical isolation and de-isolation prior and after electrical works must be agreed with Embassy Electrical Engineer in advance. Lock-out, tag-out procedures must be implemented.

B.4 Scope of Work

B.4.1 Preparation Works

1. The Contractor shall change out all **bathrooms, bedrooms, hallways, staircase and emergency stairs** simultaneously. Installation of new items shall meet all of the manufacturer's installation guidelines and specifications;
2. Construction sign shall be placed on MSGQ entrances and walkway side walls;
3. Construction area has to be barricaded from unauthorized personnel and workers access. All workers shall be escorted;
4. Construction waste container shall be provided and installed on the territory. Container shall be barricaded;
5. Areas shall be free of waste materials, debris, and rubbish during the whole construction works. Maintain site in a clean and orderly condition;
6. Temporarily electrical power supply and illumination shall be placed for construction activities in all working areas. At least one illumination shall be provided per room. Wiring, bulbs/fixtures, extensions, etc are under Contractor's responsibility after authority is approved on provided items;
7. Before commencing demolition and installation, examine roughing-in for concrete equipment bases, anchor-bolt sizes and locations, piping and electrical connections to verify actual locations, sizes, and other conditions affecting drainage, maintenance, and operations;

8. Isolate and lock/tag out the electrical, domestic water supply, ventilation in-out ducts (including dedicated rooftop units), HVAC systems and panels, fire alarm detection sensors and detectors, fire suppression system, drainage/sewage system lines under close supervision of Embassy personal;
9. Disconnect piping, insulation, and old valves;
10. Disconnect all electrical, water and HVAC supplies;
11. Demo, label and store all HVAC diffusers and registers in halls, bedrooms and bathrooms. Totally – 18 Diffusers and 17 Registers.
12. Isolate/cover HVAC supply/exhaust lines with special material to protect systems from any dust/rubbish. Fasten/hang panels on ceiling so that no detail was damaged;
13. Demo, label and store or protect on place (according to nature of fixture) all existing detectors and HVAC supply/exhaust panels/tubes on ceilings and walls;
14. Protect all walls, floors, ceilings and furniture with special material.

B.4.2 Bedrooms

B.4.2.1 Demolition, Disposal and Salvage/Re-use

1. Demo, label and store all accessories;
2. Demo, label and store all cabinets and furniture;
3. Demo, label and store all light fixtures;
4. Protect all outlets, switches, valves and other details with special materials. Also use masking tape to make all painting works properly and accurately;
5. Remove all nails/screws from ceilings and walls;
6. Demo and dispose existing baseboards. Total length is – 192 m;
7. Demo and dispose existing carpet tiles on floors. Total area is – 152 m²;
8. Demo and dispose existing subflooring but the foundinging/structural footing and all utility lines, also drywall panels and profiles on walls are not to be touched/removed or damaged. Total area is - 152 m²;
9. Leave existing thresholds untouched and undamaged. In case of damaging, it will be contractor's responsibility to provide same type of new thresholds.
10. Ensure the drains and utility lines that may run under the floor surface or behind drywall panels of walls/ceilings are protected and don't have any damages;

B.4.2.2 New Installation

1. Strengthen all places behind the drywall where cabinets, accessories, mirrors, light fixtures and other materials will be installed on walls and ceilings;
2. Install foam edge insulation between drywall panels and floor screed. Total length is approximately 192 m.
3. Prepare and install new subflooring according to the existing situation. Please take into consideration, that existing floor layers are unknown for us and it will be contractor's

responsibility to accurately make all demolition works, take all required measurements and go through the possible solutions with COR. Contractors can continue working only after getting all required approvals from COR. Area is – 152 m².

- A. In case existing subflooring is deeper than 70 mm and/or has sand layer:
 1. Remove subflooring and old sand;
 2. Remove all old dirt and materials;
 3. Place silica sand on top of the slab. Layer depth shall be proper to existing situation;
 4. Install anodized wire mesh (indicated in approved material list);
 5. Install floor screed (semi-dry) with a 1:3-1:4.5 ratio of cement to sharp sand. Thickness shall be 70 mm.
- B. In case existing subflooring is 50-70mm deep and does not have sand layer:
 1. Remove subflooring at around 50 - 70 mm depth so that you get flat surface;
 2. Go over the surface with a wire brush to rough it up to help the new concrete adhere to the old;
 3. Clean the surface properly;
 4. Water the old concrete to prevent it from absorbing moisture from the new concrete;
 5. Install anodized wire mesh (indicated in approved material list);
 6. Install floor screed (semi-dry) with a 1:3-1:4.5 ratio of cement to sharp sand. Depth shall be calculated according to final 0.00 level.
4. Apply floor primer on floors and baseboard areas. Area is – 172 m²;
5. Furnish and install new floor tiles and tile baseboards. Area of floor is – 152 m². Baseboard length is – 192 m. Baseboard height shall be – 10 cm. Check specifications for approved tiles first. For tile layout, get an approval from COR before you start installation:
 - A. **General** - Before tile installation begins, the installer is responsible for checking the tile for obvious visual defects. Cartons and pallets of tile must be blended to achieve an aesthetic blend. Comply with applicable parts of ANSI A-108 Series for ceramic tile installation. Extend tile work into recesses, and under and behind equipment and fixtures except where otherwise shown. Fit tile to electrical outlets, piping, fixtures and other penetrations so that plates, collars or covers overlap tile. Joints shall align vertically and horizontally between trim and field tile. Grout tile to comply with reference installation standards using grout materials indicated.
 - B. **Surface Preparation** - Make sure surface is clean, smooth, dry and free of wax, soap scum and grease. Remove any moldings, trim, appliances, or anything that could interfere with installation.
 - C. **Layout** - Mark the center point of all four walls. Snap chalk lines between the center points of opposite walls (adjust if necessary). Using tile spacers, lay out a row of loose tiles along the center lines in both directions. Tiles on floors shall be symmetrical to a central point of floor. Leave space for uniform joints. Divide the room into smaller grids (approx. 2 ft x 3 ft) by snapping additional lines parallel to center lines.

- D. **Applying Adhesive** - Mix only enough adhesive or mortar to be used within 30 minutes. Using the type of trowel recommended on the adhesive package, spread a 1/4 in. coat on the surface of one grid area, using the flat side of the trowel. Use the notched side of trowel to comb adhesive into standing ridges by holding trowel at a 45° angle. Remove excess adhesive, leaving a uniform, ridged setting bed. For large format tiles, butter the backside of the tile to ensure proper full-coverage. Use a medium bed mortar for tiles with a dimensional length greater than 15 inches on any one side.
- E. **Cutting Tile** - Carefully measure tiles and mark with a pencil or felt-tip pen. Make straight or diagonal cuts with a tile cutter, curved cuts with a nipper (chipping away small pieces for best results), and full-length curve cuts with a rod saw. Smooth out sharpcut edges with a carborundum stone.
- F. Provide and install approved transition strips between bedroom and hallway floors. Total length will be – 8 m;
- G. **Setting Tile** - Install tiles in the center, one grid at a time. Finish each grid before moving to the next. Start with the first tile in the corner of the grid and work outward. Set tiles one at a time using a slight twisting motion. NOTE: Don't slide tiles into place. As each tile is set, insert tile leveler clips and spacers as described below for equal joints between tiles and flat surface. Fit perimeter tiles in each grid last, leaving 1/4 in. gap between tile and wall. When finished, tap in all tiles with a rubber mallet or hammer and wood block, to ensure a good bond and level plane. Remove excess adhesive from joints with a putty knife, and from tile with a damp sponge.
- H. **Leveling Clips** - Use tile leveling clips (listed in the approved material list) for proper installation. Tile leveling clips shall be used next to each tile to tile connection (at least two clips on each side of tile). Use 2,0 mm clips. Use 2.0 mm tile spacers (X shaped) in each corner.
- I. Baseboard tiles shall come on top of floor tiles (Intersection shall be at least 8 mm. deep). Baseboard height shall be 10 cm. Total length is – 192 m.
- J. **Grouting** - Clean all tile-to-tile connections accurately and apply grout that is indicated in approved material list properly. Go through all connections one more time and add grout if it's missing anywhere.
- K. **Initial Cleaning** - The complete removal of grout and construction dirt after products have been installed will improve daily maintenance. Clean successfully by scrubbing the installation with hot water and a pH neutral liquid cleaner (soapless), followed by a thorough rinsing, then remove the rinse water with a wet vacuum or dry toweling. If some residue remains, further cleaning will need to be done in consultation with the grout manufacturer. For more aggressive cleaning, floor scrubbing machines equipped with nylon pads or brushes should be used. Wet vacuuming of the suspended dirt and grout is recommended.
- L. **Finished Floors** - Leave finished installation free of cracked, chipped, broken, unbonded or otherwise defective tile work. Protect all floor tile installations with kraft paper or other heavy covering during construction period to prevent staining or damage. **No foot or wheel traffic permitted on floor for at least 3 days after grouting.**

6. Replace light switch with dimmer one provided by USG. Totally we shall have 8 dimmer switches;
7. Plaster all walls and ceiling with approved material. Patch and repair all cracks, holes and humid areas properly. For sealing use approved mesh tape. Totally walls are – 504 m² and ceilings are – 152 m²;
8. Apply prime on walls and ceiling. Totally walls are – 504 m² and ceilings are – 152 m²;
9. Repaint all walls with at least two coats of paint (make three coats if required) to get plain color. Wall area is – 504 m²;
10. Repaint all ceilings with at least two coats of paint (make three coats if required) to get plain color. Ceiling area is – 152 m²;

B.4.2.3 Installation of Appliances/Fixtures/Accessories

1. Replace bulbs in 8 existing and 8 new (USG provided) ceiling light fixtures and install the fixtures. Totally the USG will provide 8 regular and 8 dimmer bulbs;
2. Clean existing HVAC registers and diffusers properly with special chemicals. Totally – 8 registers and 8 diffusers;
3. Re-install existing HVAC diffusers and registers back on place, on exactly the same location as they were installed before;
4. Provide and install eight, new, built-in wardrobes (dimensions for each wardrobe is approximately - 2,2x0,6x2,5 (WxDxH)) according to the drawings and with approved accessories and materials. It's Contractor's responsibility to take detailed measurements of the existing situation and assemble new wardrobes accordingly. USG will only provide draft drawing of wardrobe layouts. All detailed drawings and offered materials shall be provided by contractors in advance and approved by CO;
5. Install all outlets, fixtures, detectors, accessories and other removed materials/fixtures back on place;
6. Put all furniture, appliances and fixtures back on place.

B.4.3 Staircase

B.4.3.1 Demolition, Disposal and Salvage/Re-use

1. Demo, label and store all accessories;
2. Demo, label and store all cabinets and furniture;
3. Demo, label and store all light fixtures;
4. Protect all outlets, switches, valves and other details with special materials. Also use masking tape to make all painting works properly and accurately;
5. Remove all nails/screws from ceilings and walls;
6. Demo and dispose existing baseboards. Total length is – 30 m;
7. Demo and dispose existing stair corner elements. Total length is – 27 m;
8. Demo and dispose existing rubber details on the edges of stair. Total length is – 6 m;
9. Demo and dispose existing carpet tiles on floors. Total area is – 30 m²;

10. Leave existing thresholds untouched and undamaged. In case of damaging, it will be contractor's responsibility to provide same type of new thresholds.
11. Ensure all utility lines that may run under the floor surface or behind drywall panels of walls/ceilings are protected and don't have any damages.

B.4.3.2 New Installation

1. Strengthen all places where accessories, mirrors, light fixtures and other materials will be installed on walls and ceilings;
2. Go over the floor surface with a wire brush and special chemicals to remove all old glue and dirt. Make sure that floor/stair surface is flat and ready for new floor rug installation. Area is – 30 m²;
2. Apply approved carpet glue properly; Area is – 30 m²;
3. Install new, USG provided rugs/carpets according to manufacturer's instructions. Total area is – 30 m²;
4. Provide and install new stair corner elements. Total length is – 27 m;
5. Provide and install new rubber details on the edges of stair. Total length is – 6 m;
6. Install new, USG provided baseboards properly. Total length is – 30 m;
7. Plaster all walls and ceiling with approved material. Patch and repair all cracks, holes and humid areas properly. For sealing use approved mesh tape. Totally walls are – 82 m² and ceilings are – 15 m²;
8. Apply prime on walls and ceiling. Totally walls are – 82 m² and ceilings are – 15 m²;
9. Repaint all walls with at least two coats of paint (make three coats if required) to get plain color. Wall area is – 82 m²;
10. Repaint all ceilings with at least two coats of paint (make three coats if required) to get plain color. Ceiling area is – 15 m²;
11. Sand all metal details. Wall mounted railings are – 12 m; floor mounted railings are – 5.5 m²; Lock in ceiling with metal surrounding is – 3 m²; Metal stair is – 3 m².
12. Apply anti corrosion material on all metal details (railings, stairs, roof entrance lock, etc). Wall mounted railings are – 12 m; floor mounted railings are – 5.5 m²; Lock in ceiling with metal surrounding is – 3 m²; Metal stair is – 3 m².
13. Repaint railings, metal stair, roof entrance lock and other metal details with oil paint; Wall mounted railings are – 12 m; floor mounted railings are – 5.5 m²; Lock in ceiling with metal surrounding is – 3 m²; Metal stair is – 3 m².

B.4.3.3 Installation of Appliances/Fixtures/Accessories

1. Install two light fixtures back on place;
2. Install all outlets, fixtures, detectors and other removed materials back on place;
3. Put all furniture, appliances, fixtures and accessories back on place.

B.4.4 Emergency Staircase

B.4.4.1 Demolition, Disposal and Salvage/Re-use

1. Protect all accessories, light fixtures, sensors, outlets, switches, valves and other details with special materials. Also use masking tape to make all painting works properly and accurately;
2. Remove all nails/screws from ceilings and walls;
3. Leave existing thresholds untouched and undamaged. In case of damaging, it will be Contractor's responsibility to provide same type of new thresholds.

B.4.4.2 New Installation

1. Sand whole floor and stair surface with special equipment. Totally floors are – 3.5 m² and stairs are – 11 m²;
2. Repaint whole floors and stairs with special, apox paint. Totally floors are – 3.5 m² and stairs are – 11 m²;
3. Salvage and re-use existing two metal doors without demolition:
 - A. Restore (sand and repaint) frames with oil paint;
 - B. Remove, restore (sand and repaint with oil paint) and install door leaves back;
 - C. Restore (sand and repaint) top part of door with oil paint;
 - D. Adjust all doors.
4. Screw all metal sheets on walls/ceilings where required;
5. Plaster all walls (including both metal and regular walls) with approved material. Patch and repair all cracks, holes and humid areas properly. For sealing use approved mesh tape. Total area is – 47 m²;
6. Apply prime on walls. Total area is – 47 m²;
7. Repaint all walls with at least two coats of paint (make three coats if required) to get plain color. Total area is – 47 m²;
8. Sand and repaint all metal walls and ceilings with at least two coats of special paint (2 component, anti corrosion, apox, oil paint) to get plain color (make three coats if required). Total area for metal walls are - 25 m², for ceiling is – 4.5 m²;
9. Provide and install new, plastic baseboards on all wall and floor/stair connections. Total length is – 27 m;
10. Sand and repaint metal railing with anti-corrosion, oil paint. Total length of railing is – 7,5 m.

B.4.4.3 Installation of Appliances/Fixtures/Accessories

1. Remove all protective materials from accessories, fixtures, outlets and etc;
2. Put all furniture, appliances, fixtures and accessories back on place.

B.4.5 Hallways

B.4.5.1 Demolition, Disposal and Salvage/Re-use

1. Demo, label and store all accessories;
2. Demo, label and store all cabinets and furniture;
3. Demo, label and store all light fixtures;
4. Protect all outlets, switches, valves and other details with special materials. Also use masking tape to make all painting works properly and accurately;
5. Remove all nails/screws from ceilings and walls;
6. Demo and dispose existing baseboards. Total length is – 53 m;
7. Demo and dispose existing carpet tiles on floors. Total area is – 30 m²;
8. Remove (demo and dispose) dropped ceiling panels. Total area is – 30 m²;
9. Leave existing thresholds untouched and undamaged. In case of damaging, it will be contractor's responsibility to provide same type of new thresholds;
10. Ensure all utility lines that may run under the floor surface or behind drywall panels of walls/ceilings are protected and don't have any damages.

B.4.5.2 New Installation

1. Strengthen all places where accessories, light fixtures and other materials will be installed on walls and ceilings;
2. Go over the floor surface with a wire brush and special chemicals to remove all old glue and dirt. Make sure that floor surface is flat and ready for new floor rug installation. Area is – 30 m²;
3. Apply approved carpet glue properly; Area is – 30 m²;
4. Install new USG provided rugs/carpets according to manufacturer's instructions. Total area is – 30 m²;
5. Install new, USG provided baseboards properly. Total length is – 53 m;
6. Salvage and re-use existing doors without demolition. Totally 10 doors:
 - A. Restore (sand and repaint) frames with oil paint;
 - B. Remove, restore (sand and varnish) and install door leaves back;
 - C. Adjust all doors.
7. Plaster all walls with approved material. Patch and repair all cracks, holes and humid areas properly. For sealing use approved mesh tape. Totally walls are – 145 m²;
8. Apply prime on walls. Total area is – 145 m²;
9. Repaint all walls with at least two coats of paint (make three coats if required) to get plain color. Total area is – 145 m²;
10. Install USG provided dropped ceiling panels. Total area is – 30 m²;
11. Sand and repaint window sills with special aluminum paint in hall (use paint sprayer or other proper tool for painting. Using brushes and rollers are not acceptable). Totally there are 5 sills;

B.4.5.3 Installation of Appliances/Fixtures/Accessories

1. Install all outlets, switches and other details back on place;
2. Replace bulbs with new, USG provided ones in existing light fixtures. Total amount is – 9 units;
3. Re-install light fixtures in new dropped ceiling panels on the same locations. Provide all required materials for proper installation. Totally there are 9 light fixtures;
4. Clean existing HVAC registers and diffusers properly with special chemicals. Totally – 8 registers and 8 diffusers;
5. Re-install existing HVAC diffusers and registers back on place, on exactly the same location as they were installed before;
6. Install all outlets, fixtures, detectors and other removed materials back on place;
7. Put all furniture, appliances, fixtures and accessories back on place.

B.4.6 Bathrooms

B.4.6.1 Demolition, Disposal and Salvage/Re-use

1. Demo, label and store all accessories;
2. Demo, label and store toilets, bathtubs, countertops, cabinets, sinks;
3. Demo, label and store all faucets;
4. Demo, label and store all light fixtures, outlets, switches, etc.
5. Demo, label and store service entrance halls;
6. Salvage and re-use existing doors. Totally 8 doors:
 - a. Restore (sand and repaint) frames with oil paint;
 - b. Remove, restore (sand and varnish) and install door leaves back;
 - c. Adjust all doors.
7. Demo and dispose existing wall and floor tiles; Total area for floors are – 30 m², for walls are – 155 m²;
8. Demo and dispose existing drywall panels on walls till dropped ceiling line (without damaging profiles). Total area is – 155 m²;
9. Demo and dispose existing drywall panels of dropped ceiling (without damaging profiles). Total area is - 30 m²;
10. Demo and dispose subflooring but the founding/structural footing and all plumbing (supply, drain) lines are not to be touched/removed or damaged. Total area is - 30 m²;
11. Leave existing threshold untouched and undamaged. In case of damaging, it will be contractor's responsibility to provide same type of new threshold;
12. Reuse existing insulation.

B.4.6.2 New Installation

1. Ensure the drains and utility lines that may run under the floor surface or behind drywall panels of walls/ceilings are protected and don't have any damages;
2. Strengthen all places behind the drywall where cabinets, accessories, mirrors, faucets, curtain rods, service entrance locks, light fixtures and other materials will be installed on walls and ceilings;
3. Provide all required materials and remodel shower faucet water supply lines. Totally for 8 shower faucets:
 - A. Existing copper pipework (Ø15) shall be modified (cut and welded) with copper pipes to install European type faucet with 1/2 inch Female pipe trade;
 - B. The distance between hot and cold water pipes shall be European, standard (according to the required faucet model), installed in 1 mm accuracy;
 - C. Pipes shall be fastened and strengthened on gypsum board profiles on several places, including on bonding place, so that pipes would not move;
 - D. Newly installed pipe joints and whole system shall be tested under at least 120% of system pressure.
4. Install new, USG provided drywall panels on walls. Total area is – 155 m²;
5. Install new, USG provided drywall panels on ceiling. Total area is - 30 m²;
6. Provide and install 8 service entrance locks in ceiling;
7. Install foam edge insulation between drywall panels and floor screed. Total length is approximately 65 m.
8. Prepare and install new subflooring according to the existing situation. Please take into consideration, that existing floor layers are unknown for us and it will be contractor's responsibility to accurately make all demolition works, take all required measurements and go through the possible solutions with COR. Contractor can continue working only after getting all required approvals from COR. Area is – 30 m².
 - A. In case existing subflooring is deeper than 70 mm and/or has sand layer:
 1. Remove subflooring and old sand;
 2. Remove all old dirt and materials;
 3. Place silica sand on top of the slab. Layer depth shall be proper to existing situation.
 4. Install anodized wire mesh (indicated in approved material list);
 5. Install floor screed (semi-dry) with a 1:3-1:4.5 ratio of cement to sharp sand. Thickness shall be 70 mm.
 - B. In case existing subflooring is 50-70mm deep and does not have sand layer:
 1. Remove concrete at around 50-70 mm depth so that you get flat surface;
 2. Go over the surface with a wire brush to rough it up to help the new concrete adhere to the old;
 3. Clean the surface properly;
 4. Water the old concrete to prevent it from absorbing moisture from the new concrete;
 5. Install anodized wire mesh (indicated in approved material list);
 6. Install floor screed (semi-dry) with a 1:3-1:4.5 ratio of cement to sharp sand. Depth shall be calculated according to final 0.00 level.
9. Provide and install all required connections and adaptors (only European, certified products are acceptable) for 8 bathes;
10. Install 8 restored doors.

11. Apply hydro insulation tape around all corners/connections (wall and wall, wall and floor connections). Length is approximately 65 m. Use Adesilex LP or Adesilex PVC HP (rather than a waterproofing product) for the joints between pieces of tape;
12. Apply hydro insulation on the whole floors and walls. (Do not apply hydro insulation if temperature is lower than +5°C and if surface is not fully dry, free of mold/damp and is not well cleaned). Substrates which are highly absorbent or gypsum must be pre-treated with primer (usually diluted with water at a ratio of 1:1 or 1:2 to ensure thorough penetration). Wait several hours until the coating of primer is completely dry. Hydro insulation must be applied evenly in thin coats (approx. 1 mm maximum per coat). Wait until the first coat is dry before applying further coats crossways (1-2 hours according to temperature conditions). The final thickness of insulation must never be less than 1 mm. Make sure there are no gaps. Wait 24 hours on absorbent substrates or 4-5 days on substrates which are not absorbent. Area is – 185 m².
13. Apply floor/wall primer for tile installation. Area is – 185 m².
14. Furnish and install new floor and wall tiles. Wall tiles are - 155 m² and floor tiles are – 30 m². Check specifications for approved tiles first. For tile layout, get an approval from COR before you start installation:
 - A. **General** - Before tile installation begins, the installer is responsible for checking the tile for obvious visual defects. Cartons and pallets of tile must be blended to achieve an aesthetic blend. Comply with applicable parts of ANSI A-108 Series for ceramic tile installation. Extend tile work into recesses, and under and behind equipment and fixtures except where otherwise shown. Fit tile to electrical outlets, piping, fixtures and other penetrations so that plates, collars or covers overlap tile. Joints shall align vertically and horizontally between trim and field tile. Grout tile to comply with reference installation standards using grout materials indicated.
 - B. **Surface Preparation** - Make sure surface is clean, smooth, dry and free of wax, soap scum and grease. Remove any moldings, trim, appliances, or anything that could interfere with installation.
 - C. **Layout** - Mark the center point of all four walls. Snap chalk lines between the center points of opposite walls (adjust if necessary). Using tile spacers, lay out a row of loose tiles along the center lines in both directions. Tiles on walls shall be symmetrical to the vertical, central line of each wall. Tiles on floors shall be symmetrical to a central point of floor. Leave space for uniform joints. Divide the room into smaller grids (approx. 2 ft x 3 ft) by snapping additional lines parallel to center lines.
 - D. **Applying Adhesive** - Mix only enough adhesive or mortar to be used within 30 minutes. Using the type of trowel recommended on the adhesive package, spread a 1/4 in. coat on the surface of one grid area, using the flat side of the trowel. Use the notched side of trowel to comb adhesive into standing ridges by holding trowel at a 45° angle. Remove excess adhesive, leaving a uniform, ridged setting bed. For large format tiles, butter the backside of the tile to ensure proper full-coverage. Use a medium bed mortar for tiles with a dimensional length greater than 15 inches on any one side.
 - E. **Cutting Tile** - Carefully measure tiles and mark with a pencil or felt-tip pen. Make straight or diagonal cuts with a tile cutter, curved cuts with a nipper

(chipping away small pieces for best results), and full-length curve cuts with a rod saw. Smooth out sharpcut edges with a carborundum stone.

- F. **Setting Tile** - Install tiles in the center, one grid at a time. Finish each grid before moving to the next. Start with the first tile in the corner of the grid and work outward. Set tiles one at a time using a slight twisting motion. NOTE: Don't slide tiles into place. As each tile is set, insert tile leveler clips and spacers as described below for equal joints between tiles and flat surface. Fit perimeter tiles in each grid last, leaving 1/4 in. gap between tile and wall. When finished, tap in all tiles with a rubber mallet or hammer and wood block, to ensure a good bond and level plane. Remove excess adhesive from joints with a putty knife, and from tile with a damp sponge.
 - G. **Leveling Clips** - Use tile leveling clips (listed in the approved material list) for proper installation. Tile leveling clips shall be used next to each tile to tile connection (at least two clips on each side of tile). Use 1,0 mm clips for walls and 2,0 mm clips for floor tiles. Use tile spacers (X shaped) in each corner. 1,0 mm spacers shall be used for wall tiles and 2.0 mm spacers for floor tiles.
 - H. Install built-in, rounded, aluminum tile corner elements on all external corners. Total length of corner element is – 40 m.
 - I. Wall tiles shall come on top of floor tiles (Intersection shall be at least 8 mm. deep).
 - J. **Grouting** - Clean all tile-to-tile connections accurately and apply grout that is indicated in approved material list properly. Go through all connections one more time and add grout if it's missing anywhere.
 - K. **Initial Cleaning** - The complete removal of grout and construction dirt after products have been installed will improve daily maintenance. Clean successfully by scrubbing the installation with hot water and a pH neutral liquid cleaner (soapless), followed by a thorough rinsing, then remove the rinse water with a wet vacuum or dry toweling. If some residue remains, further cleaning will need to be done in consultation with the grout manufacturer. For more aggressive cleaning, floor scrubbing machines equipped with nylon pads or brushes should be used. Wet vacuuming of the suspended dirt and grout is recommended.
 - L. **Finished Floors** - Leave finished installation free of cracked, chipped, broken, unbonded or otherwise defective tile work. Protect all floor tile installations with kraft paper or other heavy covering during construction period to prevent staining or damage. **No foot or wheel traffic permitted on floor for at least 3 days after grouting.**
15. Plaster ceiling with approved material. Total area is – 30 m²;
 16. Apply prime on ceiling. Ceiling area is – 30 m²
 17. Repaint all ceilings with at least two coats of paint (make three coats if required) to get plain color. Ceiling area is – 30 m²

B.4.6.3 Installation of Appliances/Fixtures/Accessories

1. Install all outlets, switches and other details back on place;
2. Replace bulbs in 8 ceiling light fixtures – 8 bulbs totally;

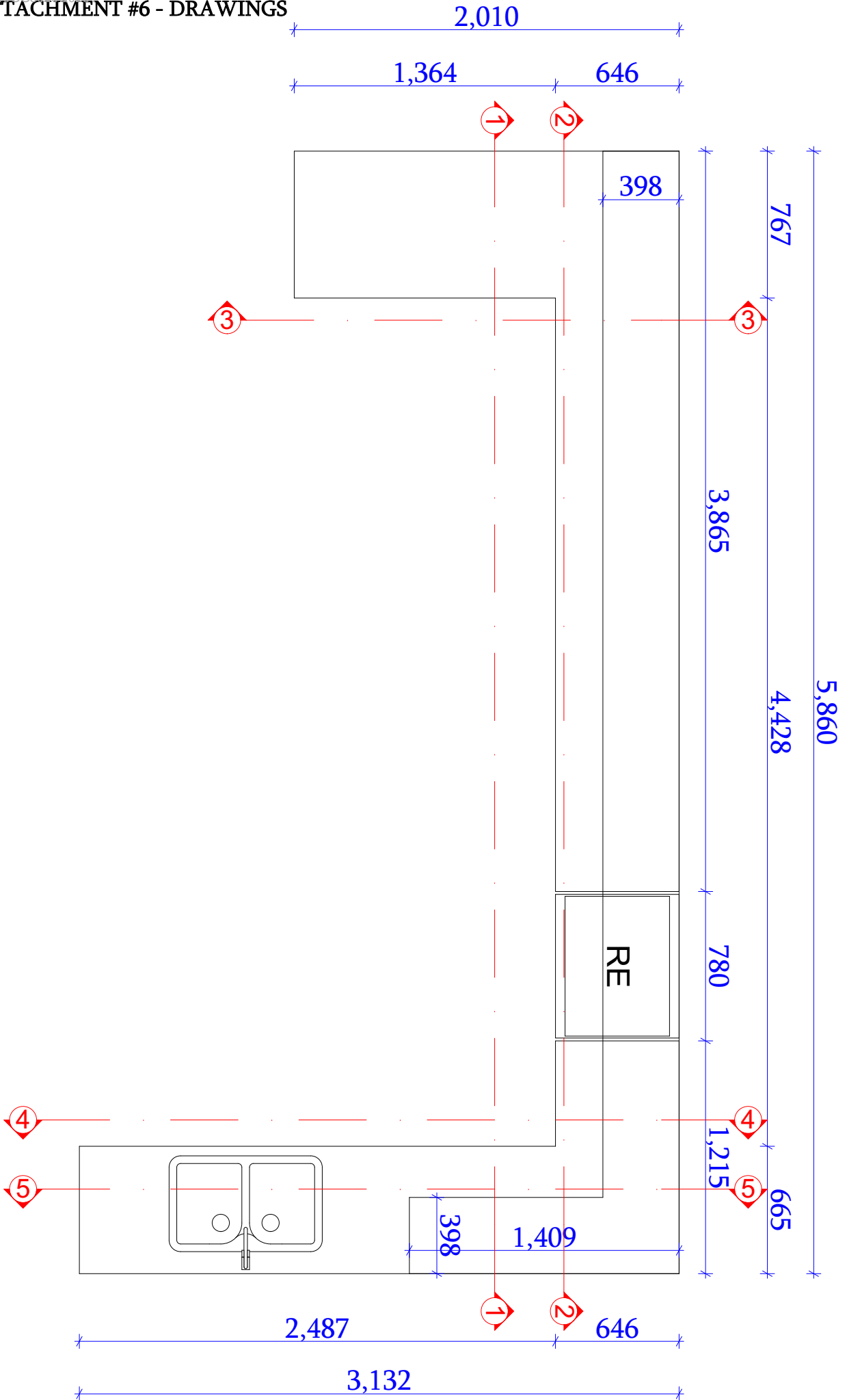
3. Install ceiling light fixtures – 8 units;
4. Clean existing HVAC registers properly with special chemicals. Totally – 8 registers;
5. Reinstall existing HVAC diffusers and registers on the exactly same location as they were installed before – 8 units totally;
6. Install USG provided 8 baths (**Bath dimensions and installation shall be taken into consideration from the beginning of the project. If installation of bath requires some changes in the schedule order (for example if it's better to install the bath first and then apply wall tiles), it shall be coordinated accordingly and agreed with COR in advance. Bath shall be installed on the whole width of WC. If bath's width is more/less than room width, drywall shall be adjusted according to bath's dimensions.**)
7. If bath fixtures does not have it's own baseboard (between fixture and wall tiles), Contractor shall provide custom made baseboard and install it properly using silicone. Approximate total length of baseboard will be – 26 m;
8. Reinstall the same 8 toilets that were installed before. Use silicone for and after installation properly. Provide and replace the seats of all 8 toilet fixtures;
9. Restore existing 8 countertops with all it's details, like baseboard and the front part (sand with granite sander and polish it (all materials are in an approved material list)). If countertop or any part of countertop is damaged by the Contractor, Contractor will be responsible for replacing the whole unit with a new, similar one at his/her own expenses;
10. Assemble and install 8 sink cabinets (dimensions for each cabinet is approximately -1,6x0,6x0,9 (WxDxH)) according to the drawings and with approved accessories and materials. It's contractor's responsibility to take detailed measurements of the existing situation and assemble new cabinets accordingly. USG will only provide draft drawing of cabinet layouts. All detailed drawings and offered materials shall be provided by contractors in advance and approved by COR;
11. Install 8 countertop with all of it's parts and details on top of the sink cabinet and make all required connections. Countertops, sinks, faucets and all other details shall be taken into consideration while assembling new cabinets;
12. Reinstall the same, cleaned sinks (8 units) that were removed before. Remove old silicone accurately and apply new one properly during and after installation;
13. Replace 8 mirror frames with the approved material;
14. Install 8 existing mirrors with new frames;
15. Install USG provided 8 mirror lights (all connections shall be in junction boxes and mirror shall cover junction box for a mirror light fixture);
16. Install 8 new, USG provided curtain rods (**if curtain rod shall be installed before tiles/drywall panels, it shall be agreed with COR 5 calendar days prior to tile installation**);
17. Provide and install 8 shower faucet sets;
18. Install 8 existing sink faucets;
19. Provide and install all bathroom accessories that are listed above (soap holders, shelves with hooks, towel rods and rings, hooks, toilet paper holder, toilet brushes, toilet plungers, trash bins, curtains, soap dispensers, toothbrush holders, etc) in all 8 bathrooms;
20. Before finishing works, make sure that silicones are applied properly around sinks, toilets, bathes, baseboards, etc. and there is no leak anywhere.

B.4.7 Cleanup, Finish of all Works

1. Remove all tools and extra material;
2. Remove electrical isolation under supervision of Embassy electrical personal;
3. Make final, general cleaning of all floors, walls, ceilings and fixtures/accessories properly with non-hazardous materials;
4. Put all furniture and accessories back on place;
5. Provide extra, labeled materials;
6. Go through removed and stored items with COR and disposed those that are no more needed;
7. Remove all temporary facilities, barricades, waste container, etc from construction area.

END OF SECTION

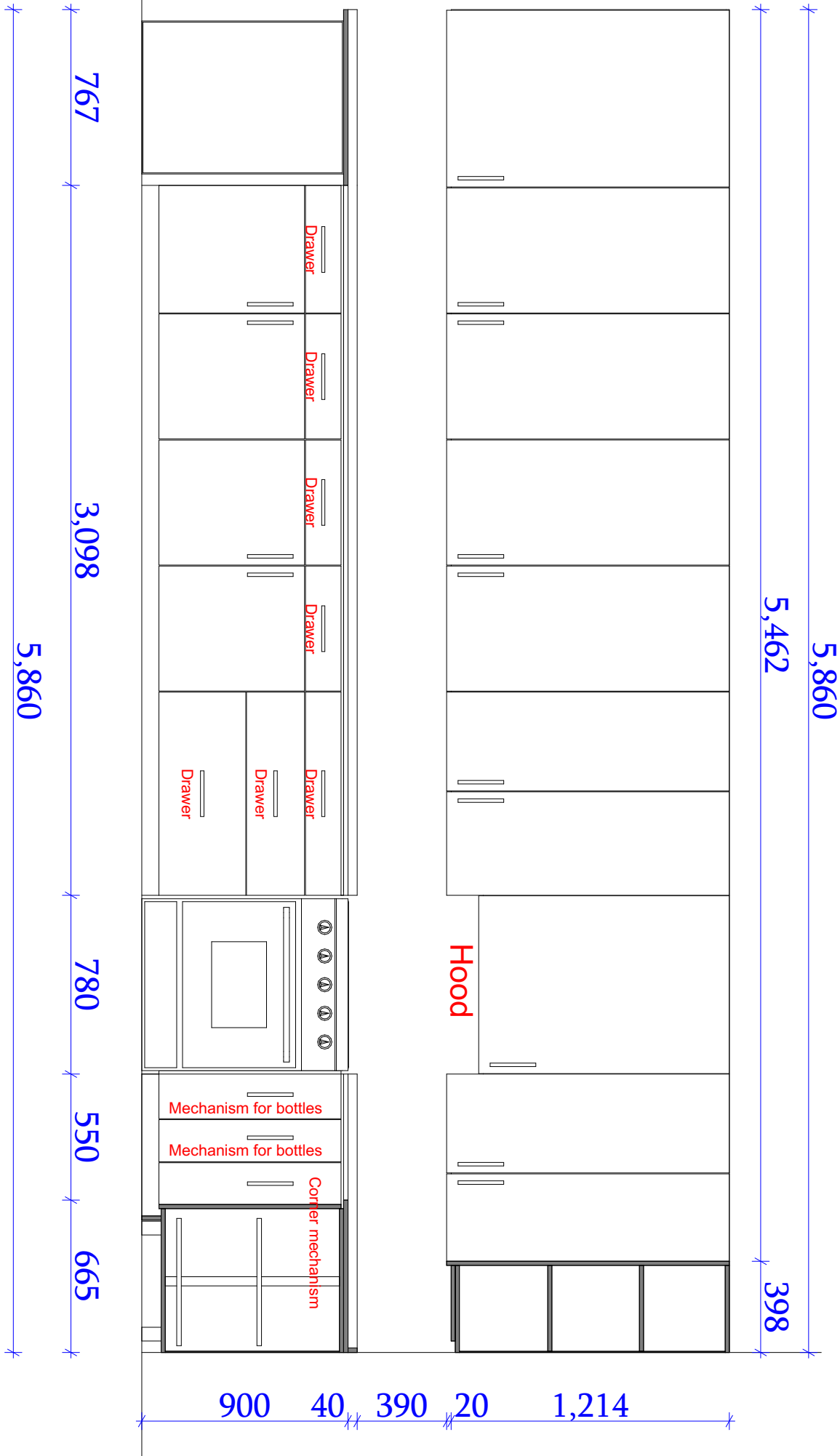
Kitchen Cabinet



Kitchen Cabinet

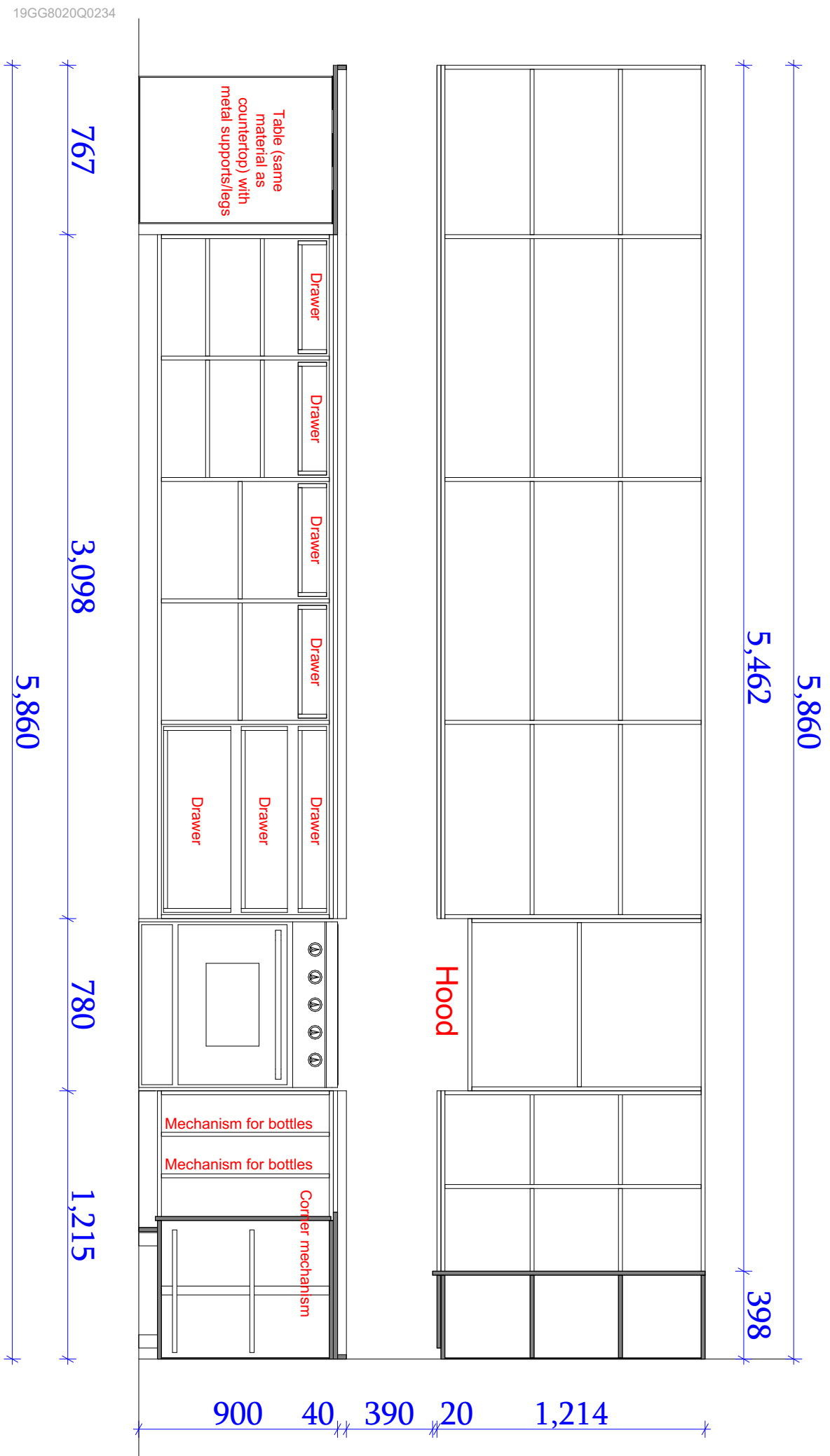
Section 1

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Kitchen Cabinet

Section 2

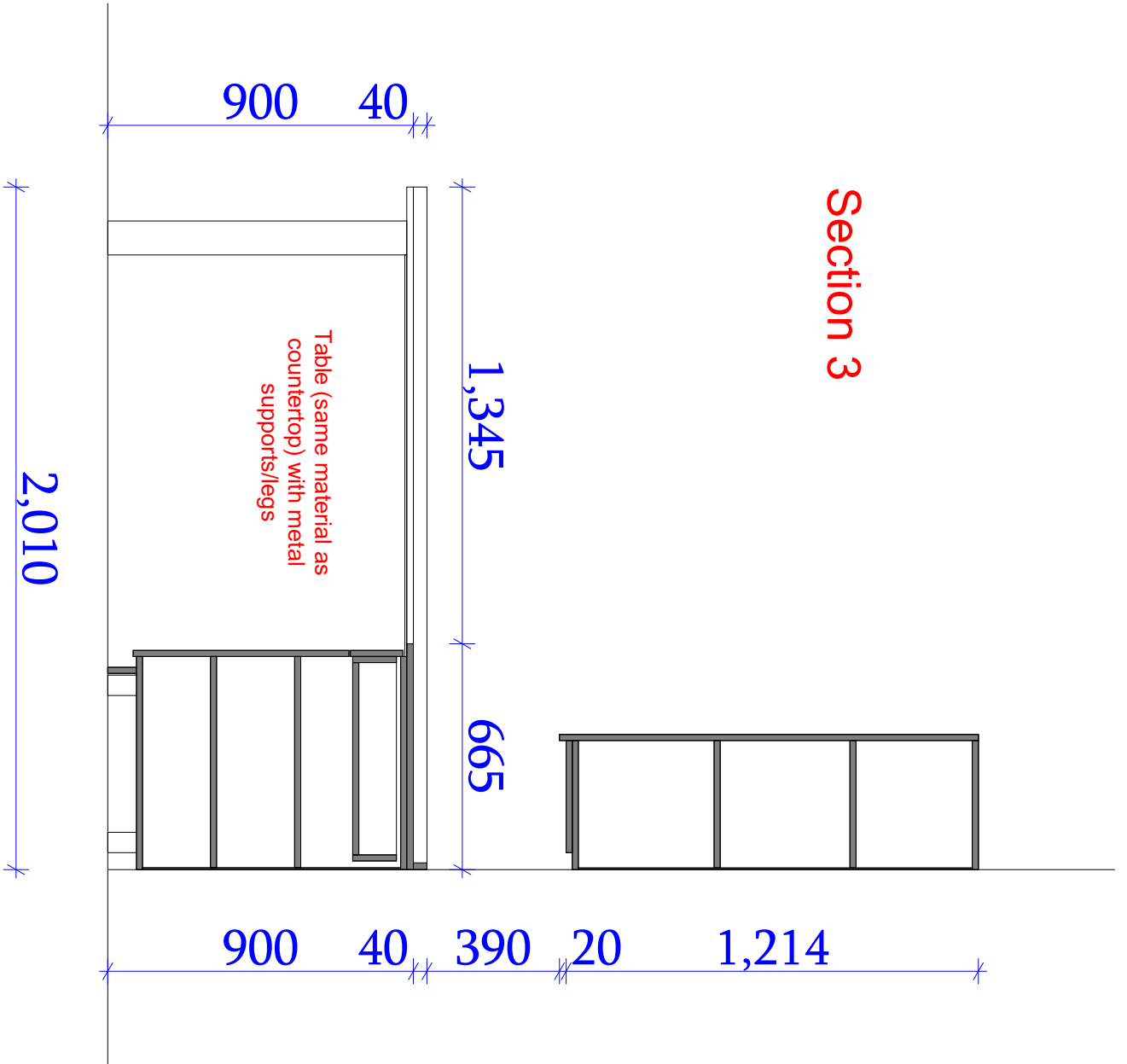


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*Provide shelve hangers for all shelves on different levels

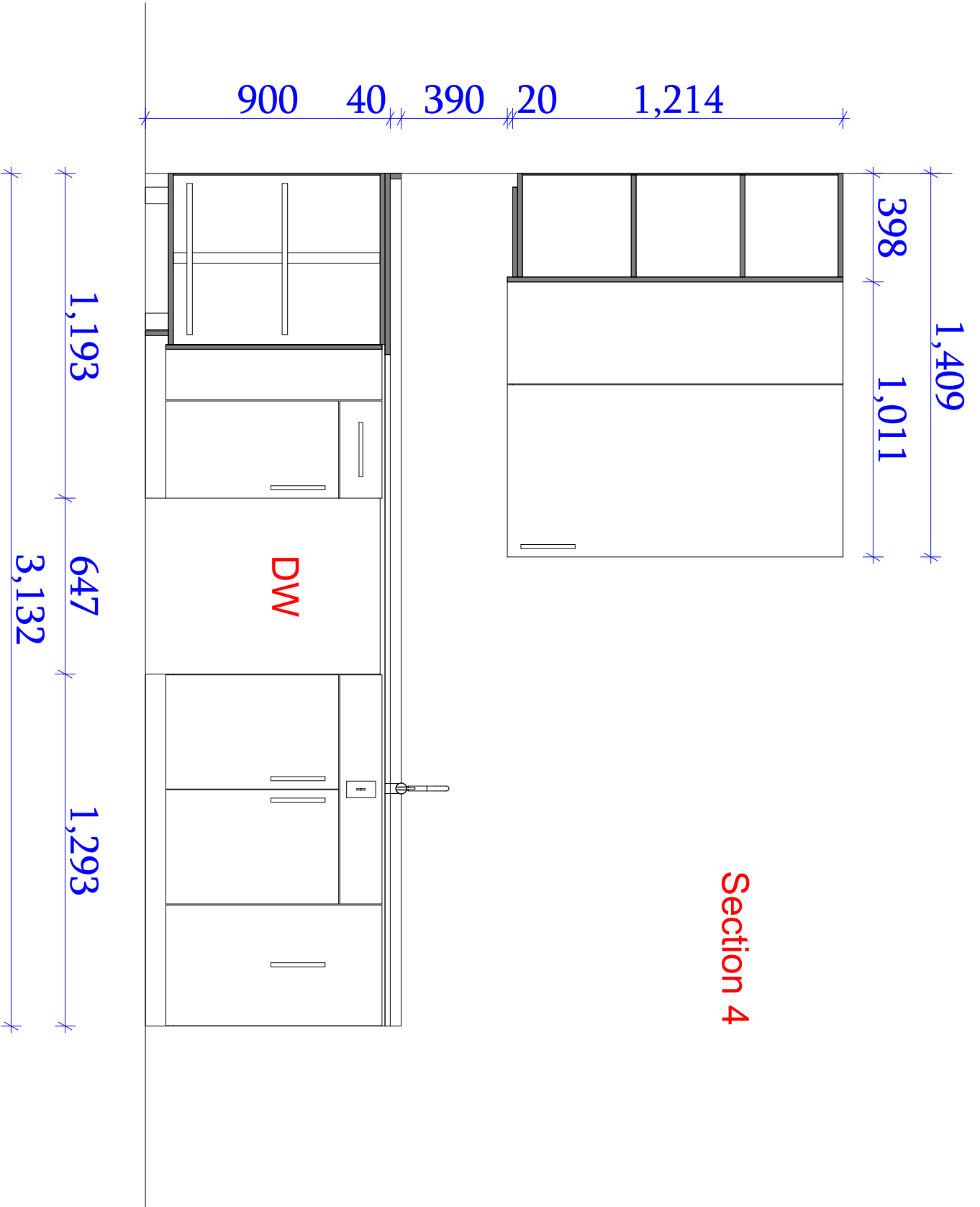
Kitchen Cabinet

Section 3

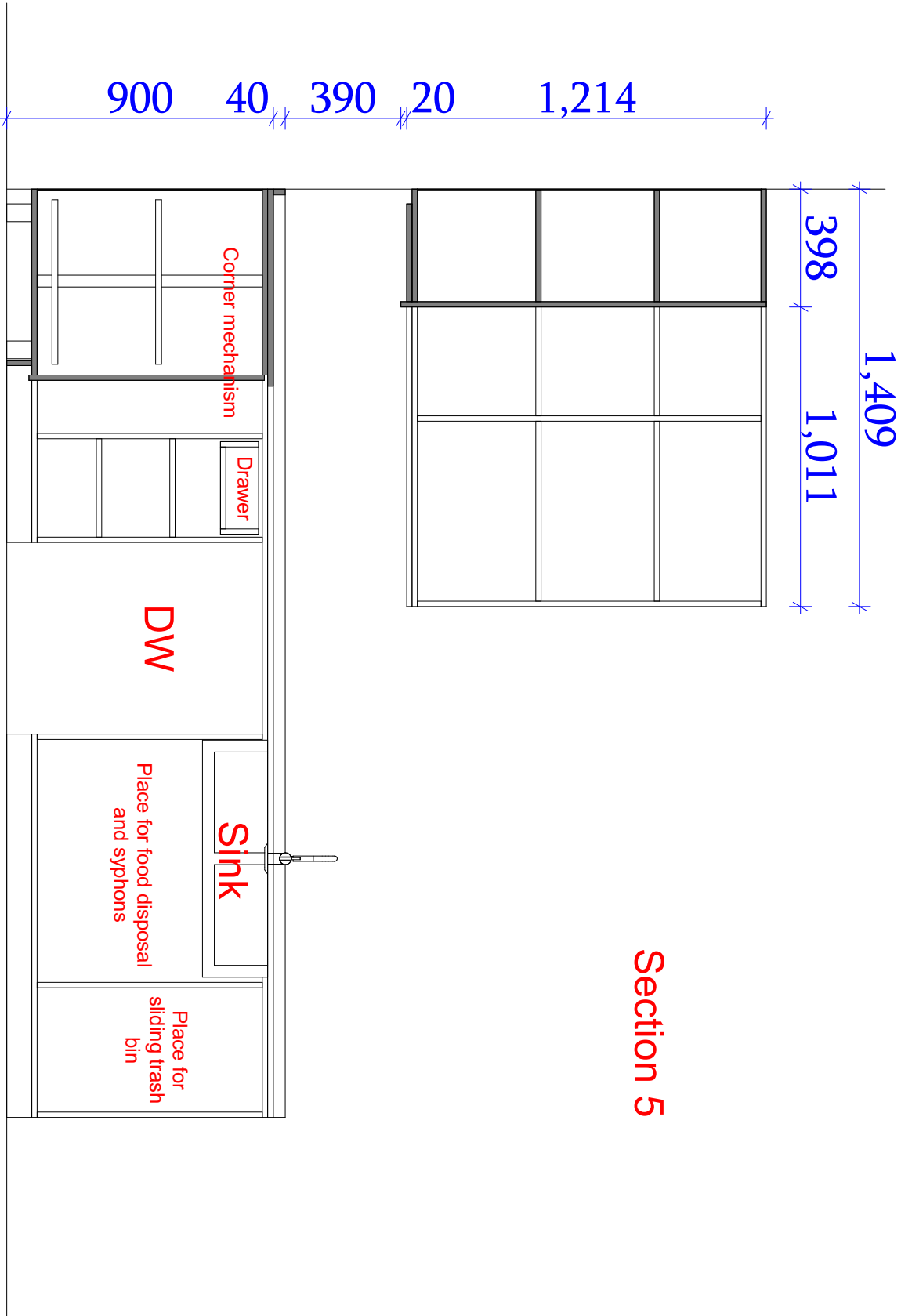


Kitchen Cabinet

Section 4



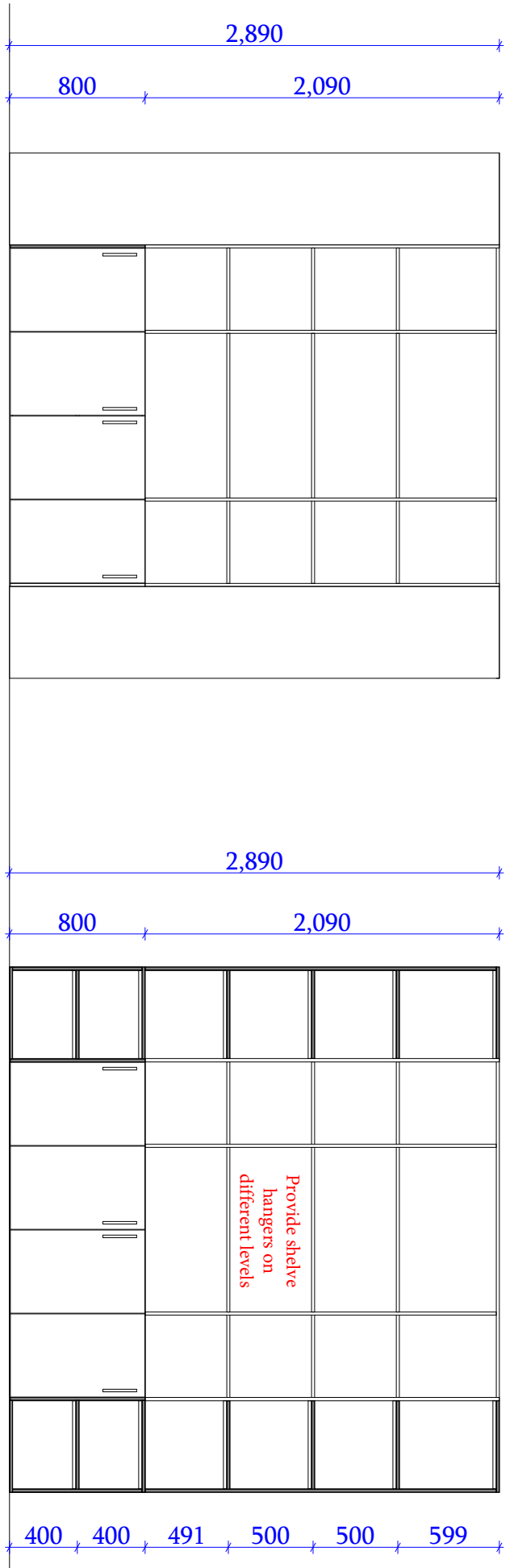
Kitchen Cabinet



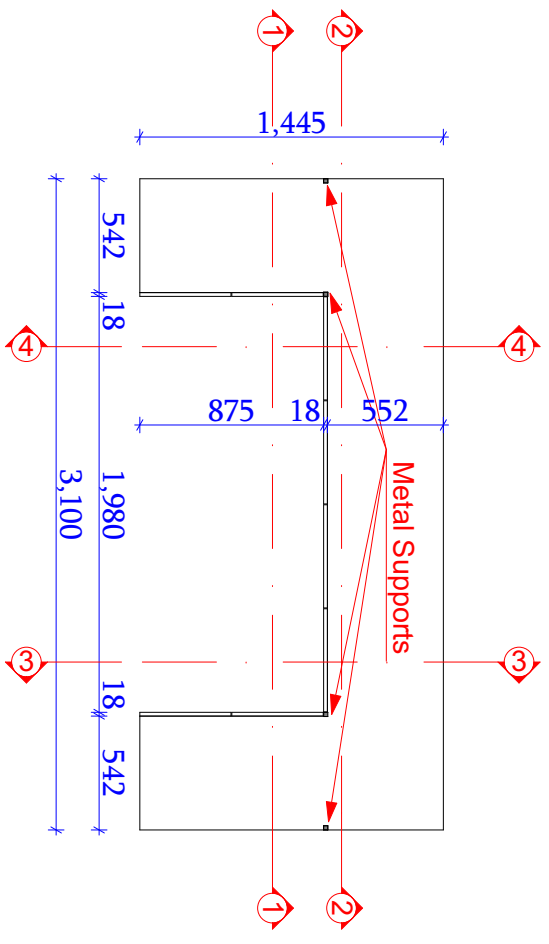
Section 5

*Provide shelf hangers for all shelves on different levels

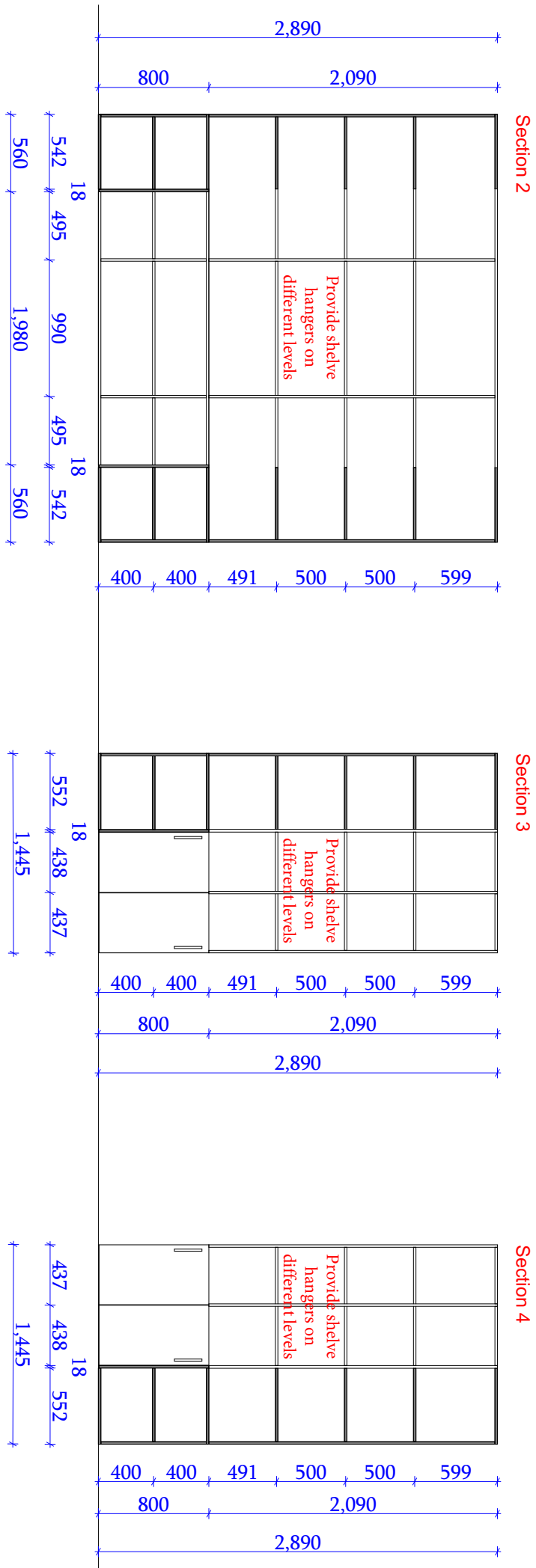
Storage Room Cabinet



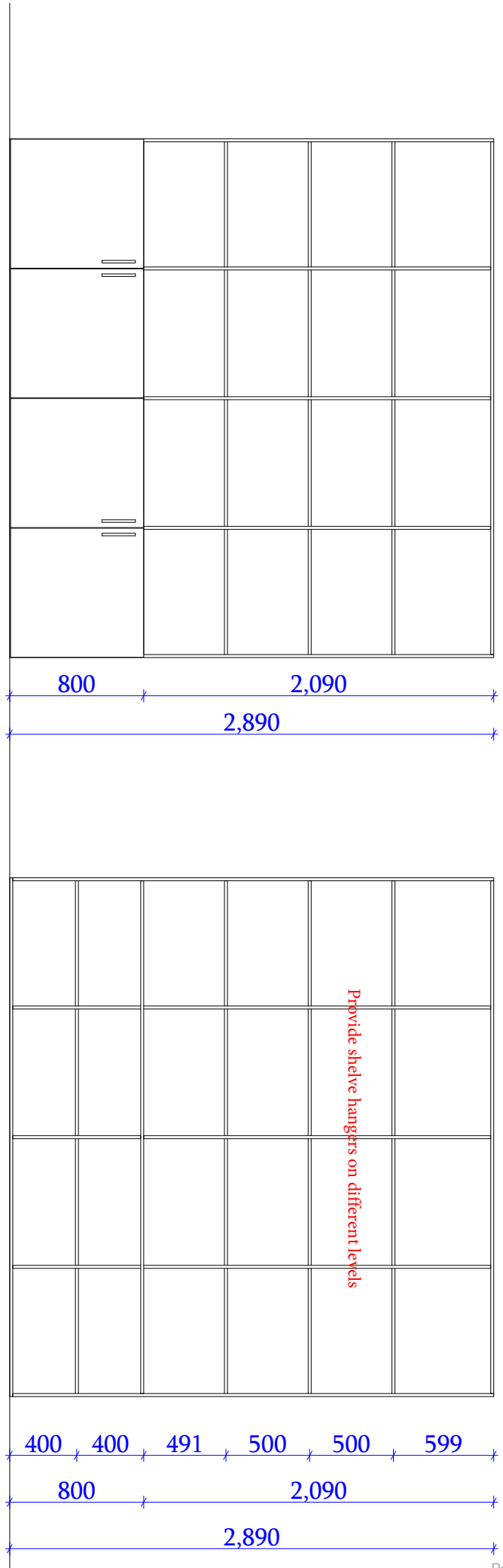
Section 1



Storage Room Cabinet

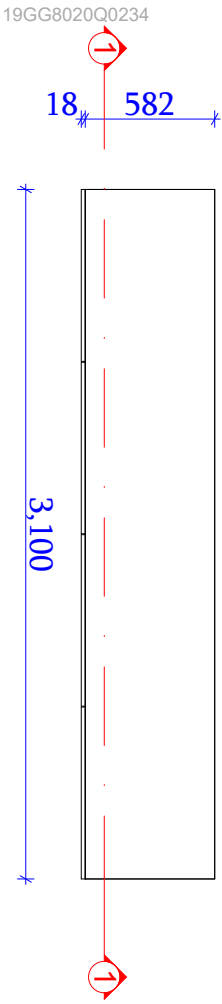


Storage Room Cabinet 2

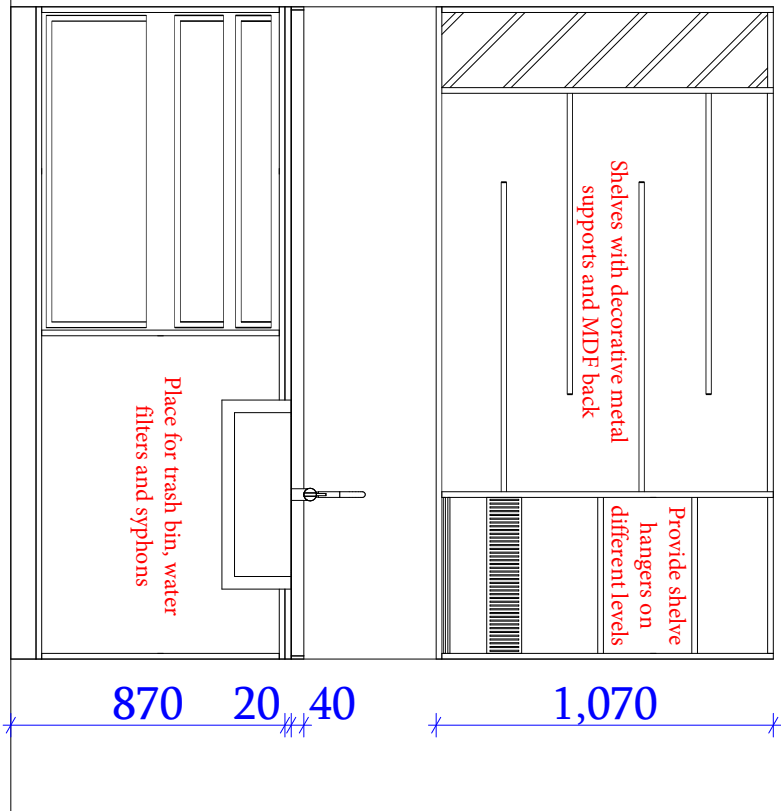
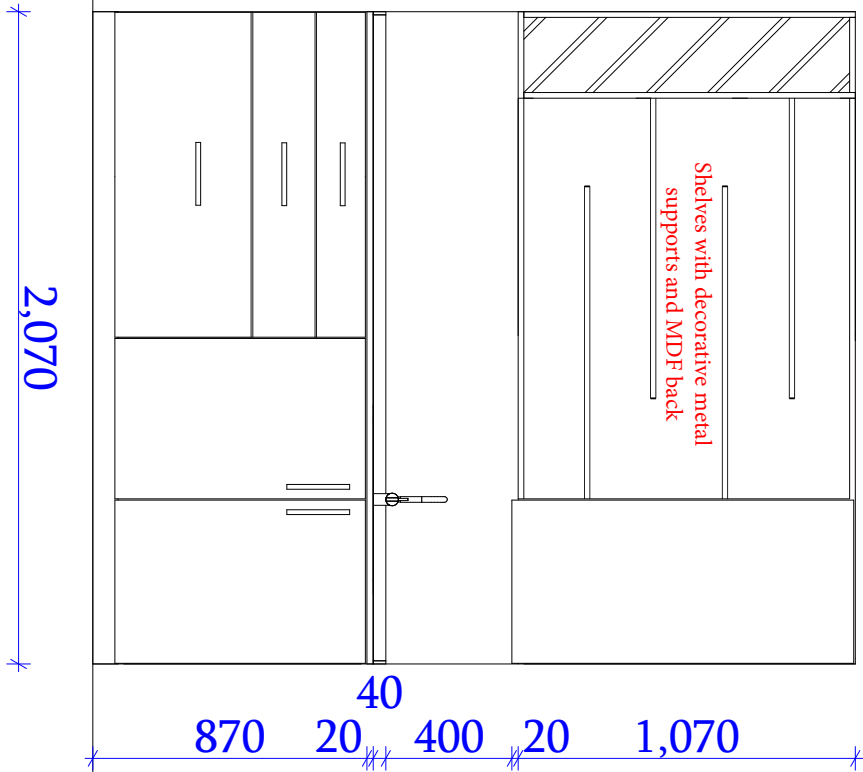
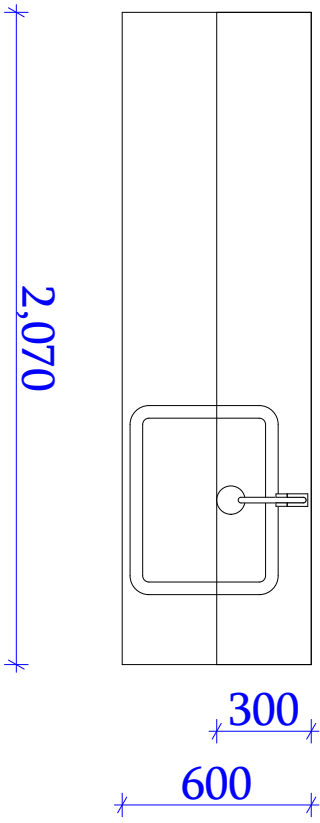


Section 1

Provide shelve hangars on different levels

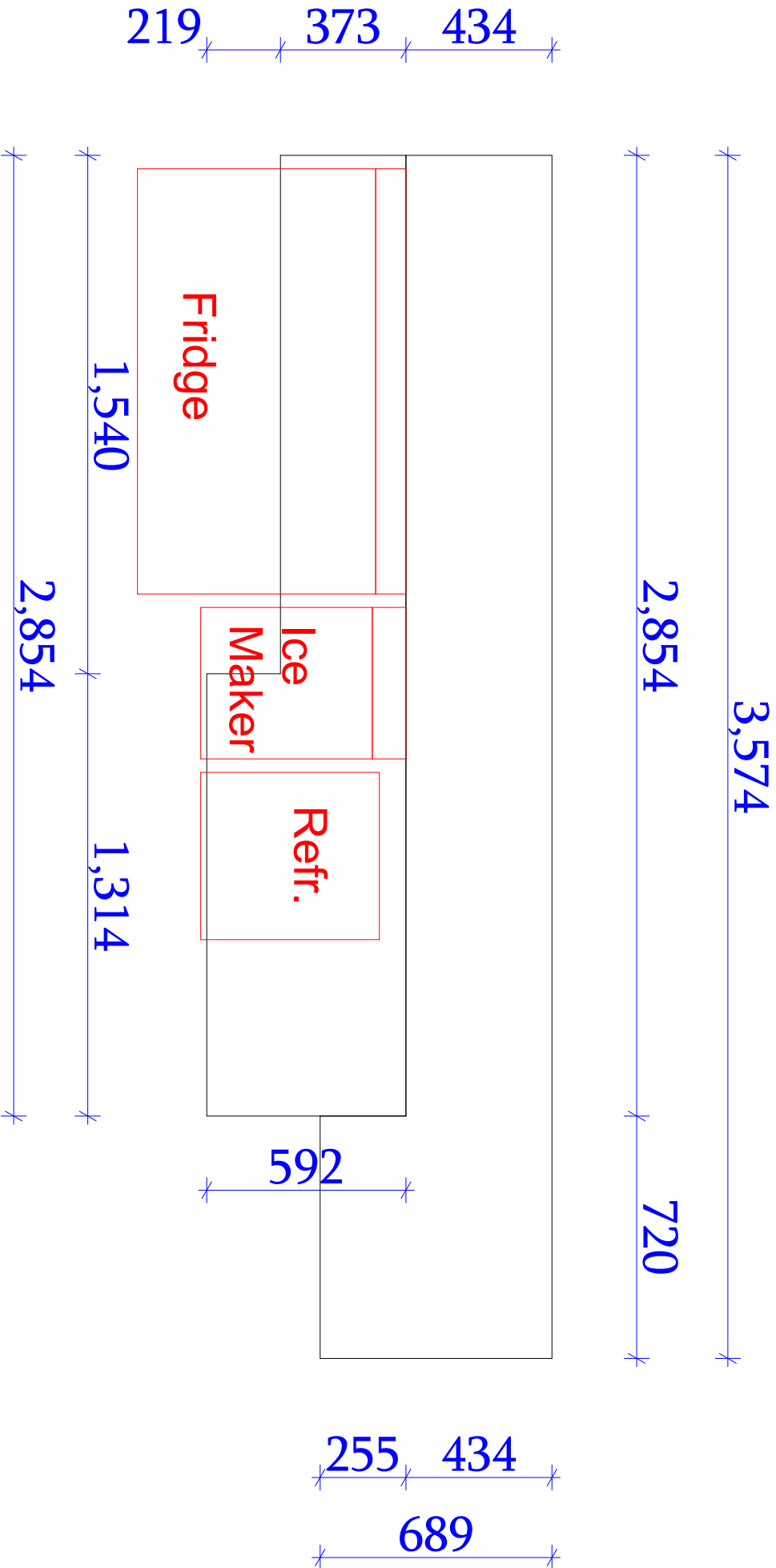


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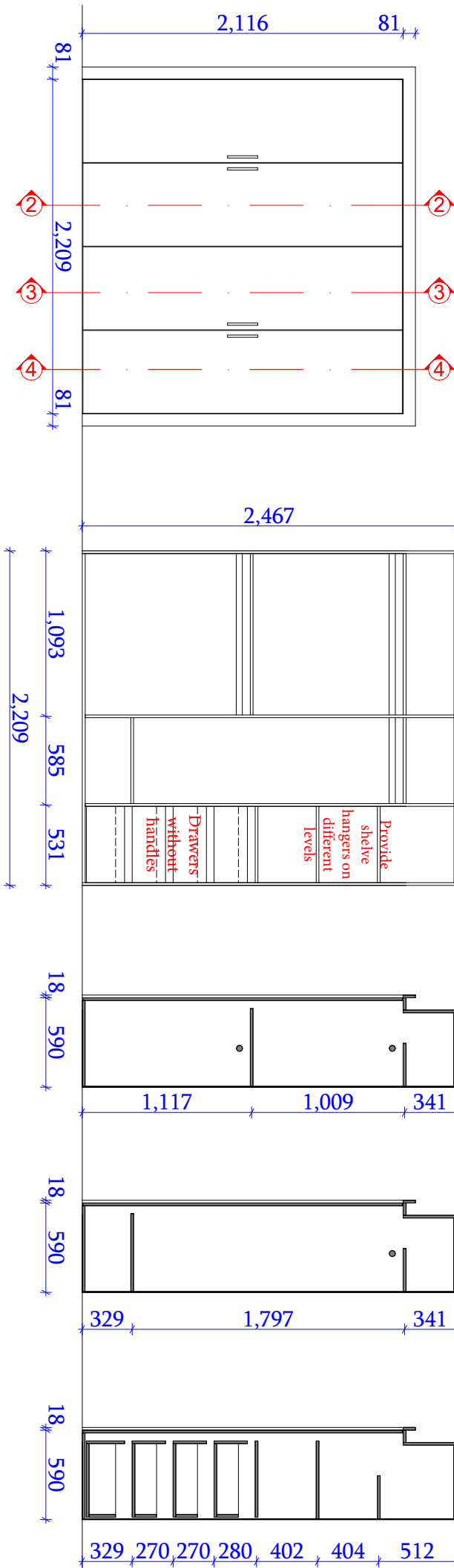
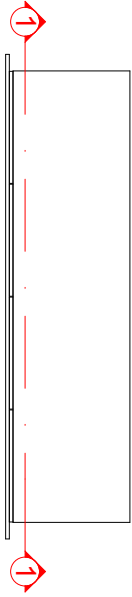
Bar Cabinet

Bar Island Arrangement



Bedroom Cabinet

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Bathroom Cabinet

