



*Embassy of the United States of America*

American Embassy  
Yangon, Myanmar

July 16, 2013

Dear Prospective Offeror:

SUBJECT: Solicitation Number SBM80013Q0031  
Building a New Barrier at Dubern Park Compound

The Embassy of the United States of America invites you to submit a proposal for Building a New Barrier at Dubern Park Compound, Yangon, Myanmar.

The site visit will be held on **Tuesday, 6<sup>th</sup> August, 2013 at 9:30 AM** at Dubern Park Compound. Prospective offerors should contact Facilities Maintenance Section on **Tuesday 30<sup>nd</sup> July, 2013 before 11:00 AM** at phone number 536509, Extension 4279/4783 to arrange entry to the Compound.

Your proposal must be submitted in a sealed envelope marked "Proposal Enclosed" to the following address by noon on **Tuesday, 20 August, 2013**. No proposal will be accepted after this time:

Contracting Officer  
US Embassy Rangoon  
110 University Avenue  
Kamayut Township, Yangon

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

1. SF-1442
2. Section A;
3. Section K, Representations and Certifications and additional information as required.

Qualified Construction Contractors who interested in any of these opportunities must follow the specific instructions in the solicitation description that is provided for each opportunity in following website.

[http://burma.usembassy.gov/contract\\_opportunities.html](http://burma.usembassy.gov/contract_opportunities.html)

Direct any questions regarding this solicitation to Procurement Section by letter or by telephone, phone number 536509/505113 during regular business hours.

Sincerely,

for  
Alla Kamins  
Supervisory General Services Officer  
U.S. Embassy Yangon

<b>SOLICITATION, OFFER, AND AWARD (Construction, Alteration, or Repair)</b>	1. SOLICITATION NO.	2. TYPE OF SOLICITATION	3. DATE ISSUED	PAGE OF PAGES
	SBM80013Q0031	<input checked="" type="checkbox"/> SEALED BID (IFB) <input type="checkbox"/> NEGOTIATED (RFP)	07/16/2013	

**IMPORTANT** - The "offer" section on the reverse must be fully completed by offeror.

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO.	6. PROJECT NO.
7. ISSUED BY American Embassy Rangoon 110 University Avenue Kamayut Township Yangon, Myanmar	CODE	8. ADDRESS OFFER TO Contracting Officer American Embassy Rangoon 110 University Avenue Kamayut Township Yangon, Myanmar

9. FOR INFORMATION CALL:	a. NAME Procurement	b. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) 951-536509/505113 ext. 4135
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**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 (*Title, identifying no., date*)

Building a New Barrier at Dubern Park Compound  
Request for Quotation Number: SBM80013Q0031

11. The contractor shall begin performance 10 calendar days and complete it within 90 calendar days after receiving  award,  notice to proceed. This performance period is  mandatory  negotiable. (See Page 3 of Solicitation ).

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>	12b. CALENDAR DAYS
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

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 12: 00 Noon (hour) local time 08/20/2013 (date). If this is a sealed bid solicitation, offers will 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.

FAR 52.252-2

d. Offers providing less than 1 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)
CODE	16. REMITTANCE ADDRESS (Include only if different than Item 14.)
FACILITY CODE	

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing 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 (Type or print)	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>(4 copies unless otherwise specified)</i>	ITEM	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	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 requirements identified on this form and any continuation sheets for the consideration stated 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 incorporated by reference in or attached to this contract.	<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 <i>(Type or print)</i>	31a. NAME OF CONTRACTING OFFICER (Type or print)
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30b. SIGNATURE	30c. DATE	31b. UNITED STATES OF AMERICA	31c. DATE
		BY	

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### Attachments

Attachment 1: SOW & Pictures

Attachment 2: Contractor furnished materials & Government provided materials

REQUEST FOR QUOTATIONS –Building a new barrier at Dubern Park

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, overhead and profit.

\_\_\_\_\_ Total Price

B. SCOPE OF WORK

Please see attachment 1 in page # 28 for detail Scope of Work.

C. PACKAGING AND MARKING

Reserved

D. INSPECTION AND ACCEPTANCE

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.

The payment will be done only once the Contracting Officer is satisfied that the work under the contract is complete, which includes the following:

- Satisfactory completion of all required tests,
- a final inspection that all items by the Contracting Officer identified as 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.

## 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 30 calendar days after the date of award.
- (b) prosecute the work diligently, and,
- (c) complete the entire work ready for use not later than 75 days after award.

The time stated for completion shall include final cleanup of the premises and completion of punch list items.

### 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 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.

*Working Hours* - All work shall be performed during Monday to Friday between 8:00 and 17:00 hours. Other hours, if requested by the Contractor, may be approved by the Contracting Officer's Representative (COR). The Contractor shall give 24 hours in advance to 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 2 days after contract award at Dubern Park 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>Delivery 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	2 days after award	COR
Section G. Personnel Biographies	1	10 days after award	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 James Libruk, Facilities Manager.

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.

***Patricia Pettet  
American Embassy Rangoon  
110 University Avenue  
Kamayut Township 11041  
Yangon, Myanmar***

## G. SPECIAL REQUIREMENTS

G.1.0 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.1.1 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 stated in US Dollars:

Per Occurrence	As required by local law
Cumulative	As required by local law
  
2. Property Damage on or off the site in US Dollars:

Per Occurrence	As required by local law
Cumulative	As required by local law

G.1.2 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.1.3 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 and 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.1.4 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.1.5 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.2.0 Document Descriptions

G.2.1 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.2.1.1 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.2.1.2 "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.3.0 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.3.1 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.3.2 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.3.3 The Contractor shall submit proper documentation and evidence satisfactory to the Contracting Officer of compliance with this clause.

G.4.0 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.4.1 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.4.2 After award, the Contractor has ten 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 3 days to perform. For each individual the list shall include:

- Full Name
- Place and Date of Birth
- Current Address
- National 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.4.3 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.5.0 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.6.0 Special Warranties

G.6.1 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.6.2 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.7.0 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.

## H. CLAUSES

### 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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://acquisition.gov/far/index.html> or, <http://farsite.hill.af.mil/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Dept. of State Acquisition Website at <http://www.statebuy.state.gov> to see the links to the FAR. You may also use an Internet "search engine" (e.g., Yahoo, Excite, Alta Vista, etc.) to obtain the latest location of the most current FAR.

### FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)

<u>Clause</u>	<u>Title and Date</u>
52.204-9	PERSONAL IDENTIFICATION VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards (JUL 2010)
52.209-6	Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (DEC 2010)
52.213-4	Terms and Conditions-Simplified Acquisitions (Other than Commercial Items) (FEB 2012)

52.222-1	Notice to the Government of Labor Disputes (FEB 1997)
52.222-19	Child Labor – Cooperation with Authorities and Remedies (AUG 2010)
52.222-50	COMBATING TRAFFICKING IN PERSONS (FEB 2009)
52.223-18	Encouraging Contractor Policies to Ban Text Messaging While Driving (AUG 2011)
52.225-10	Notice of Buy American Act/Balance of Payments Program— Construction Materials (FEB 2000)
52.225-13	Restrictions on Certain Foreign Purchases (JUN 2008)
52.225-14	Inconsistency Between English Version and Translation of Contract (AUG 1989)
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 (SEP 2009)
52.228-13	Alternative Payment Protection (JUL 2000)
52.229-6	Taxes - Foreign Fixed-Price Contracts (JUN 2003)
52.232-5	Payments under Fixed-Price Construction Contracts (SEP 2002)
52.232-8	Discounts for Prompt Payment (FEB 2002)
52.232-11	Extras (APR 1984)
52.232-18	Availability of Funds (APR 1984)
52.232-24	Prohibition of Assignment of Claims (JAN 1986)
52.232-27	Prompt Payment for Construction Contracts (OCT 2008)
52.232-34	Payment by Electronic Funds Transfer – Other than Central Contractor Registration (MAY 1999)
52.233-1	Disputes (JUL 2002) 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)
52.236-14	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 (JUNE 2007)
52.243-5	Changes and Changed Conditions (APR 1984)
52.244-6	Subcontracts for Commercial Items (DEC 2010)
52.245-9	Use & Charges (AUG 2010)
52.246-12	Inspection of Construction (AUG 1996)

52.246-21	Warranty of Construction (APR 1984)
52.249-2	Termination for Convenience of the Government (Fixed-Price) (MAY 2004) Alternate I (APR 1984)
52.249-14	Excusable Delay (APR 1984)
52.249-10	Default (Fixed-Price Construction) (APR 1984)

The following clauses are set forth in full text:

## DEPARTMENT OF STATE ACQUISITION REGULATION (DOSAR) CLAUSES

### DOSAR 652.236-70 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.

(End of clause)

#### 652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The contractor warrants the following:

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

(2) That it 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.

#### 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.

#### 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.

## I. LIST OF ATTACHMENTS

<u>ATTACHMENT NO.</u>	<u>DESCRIPTION OF ATTACHMENT</u>	<u>NO.PAGES</u>
Attachment 1	SOW with drawing	3
Attachment 2	Contractor furnished materials	1

## **J. QUOTATION INFORMATION**

### **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.

Submit the complete quotation to the address indicated on Standard Form 18, if mailed, or the address set forth below, if hand delivered.

Alla P. Kamins  
Contracting Officer  
American Embassy Rangoon

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.

#### Performance schedule

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.

Proposed Work Information

- (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;

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 (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 August 6, 2013
- (c) Participants will meet at *Dubern Park*.

**D. MAGNITUDE OF CONSTRUCTION PROJECT**

It is anticipated that the range in price of this contract will be: under \$100,000

**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/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use of an Internet "search engine" (such as, Yahoo, Infoseek, Alta Vista, etc.) is suggested to obtain the latest location of the most current FAR. <http://www.statebuy.state.gov>

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)  
52.215-1 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2004),  
which is incorporated by reference into this solicitation.

**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 otherwise due under the contract.

(c) 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.

(d) 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)

**L.2 52.204-6 CONTRACTOR IDENTIFICATION NUMBER -DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (OCT 2003)**

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation “DUNS” or “DUNS+4” followed by the DUNS number or DUNS+4 that identifies the offeror’s name and address exactly as stated in the offer. The DUNS number is a nine-digit number assigned by Dun and Bradstreet Information Services. The DUNS+4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11) for the same parent company.

If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. An offeror may obtain a DUNS number-

- If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at <http://www.dnb.com>; or
- If located outside the United States, by contacting the local Dun and Bradstreet office.

The offeror should be prepared to provide the following information:

- Company legal business name.
- Tradestyle, doing business, or other name by which your entity is commonly recognized.
- Company physical street address, city, state and Zip Code.
- Company mailing address, city, state and Zip Code (if separate from physical)
- Company telephone number
- Date the company was started.
- Number of employees at your location.

- Chief executive officer/key manager.
- Line of business (industry)
- Company Headquarters name and address (reporting relationship within your entity).

**L.3 52.204-8 Annual Representations and Certifications. (Feb 2012)**

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 236220 for Construction Management, commercial and institutional building or Warehouse construction; 237310 for Construction Management, highway road, street or bridge; 237990 for Construction Management, outdoor recreation facility; 236118 for Construction Management, residential remodeling; 237110 for Construction Management, water and sewage line and related structures.

(2) The small business size standard is \$28.5 million.

(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 clause at [52.204-7](#), Central Contractor Registration, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the clause at [52.204-7](#) is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronically, 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 ORCA 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 \$150,000.

(iii) [52.204-3](#), Taxpayer Identification. This provision applies to solicitations that do not include the clause at [52.204-7](#), Central Contractor Registration.

(iv) [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.

(v) [52.209-2](#), Prohibition on Contracting with Inverted Domestic Corporations—Representation. This provision applies to solicitations using funds appropriated in fiscal years 2008, 2009, or 2010.

(vi) [52.209-5](#), Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(vii) [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.

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

(ix) [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.

(x) [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.

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

(xii) [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.

(xiii) [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.

(xiv) [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.

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

(xvi) [52.225-2](#), Buy American Act Certificate. This provision applies to solicitations containing the clause at [52.225-1](#).

(xvii) [52.225-4](#), Buy American Act—Free Trade Agreements—Israeli Trade Act Certificate. (Basic, Alternate I, and Alternate II) 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 \$67,826, the provision with its Alternate II applies.

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

(xix) [52.225-20](#), Prohibition on Conducting Restricted Business Operations in Sudan—Certification. This provision applies to all solicitations.

(xx) [52.225-25](#), Prohibition on Contracting with Entities Engaging in Sanctioned Activities Relating to Iran—Representation and Certification. This provision applies to all solicitations.

(xxi) [52.226-2](#), Historically Black College or University and Minority Institution Representation. This provision applies to—

(A) Solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions; and

(B) For DoD, NASA, and Coast Guard acquisitions, solicitations that contain the clause at [52.219-23](#), Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns.

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

[*Contracting Officer check as appropriate.*]

\_\_\_ (i) [52.219-22](#), Small Disadvantaged Business Status.

\_\_\_ (A) Basic.

\_\_\_ (B) Alternate I.

\_\_\_ (ii) [52.222-18](#), Certification Regarding Knowledge of Child Labor for Listed End Products.

\_\_\_ (iii) [52.222-48](#), Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment Certification.

\_\_\_ (iv) [52.222-52](#), Exemption from Application of the Service Contract Act to Contracts for Certain Services—Certification.

\_\_\_ (v) [52.223-9](#), with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA—Designated Products (Alternate I only).

\_\_\_ (vi) [52.227-6](#), Royalty Information.

\_\_\_ (A) Basic.

\_\_\_(B) Alternate I.

\_\_\_ (vii) [52.227-15](#), Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website accessed through <https://www.acquisition.gov>. After reviewing the ORCA database 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 ORCA.

(End of provision)

#### **L.4. 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.

#### **L.5 AUTHORIZED CONTRACT 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: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

**L.6 652.228-70 DEFENSE BASE ACT – COVERED CONTRACTOR EMPLOYEES (JUN 2006)**

(a) Bidders/offerors shall indicate below whether or not any of the following categories of employees will be employed on the resultant contract, and, if so, the number of such employees:

<b>Category</b>	<b>Yes/No</b>	<b>Number</b>
<i>(1) United States citizens or residents</i>		
<i>(2) Individuals hired in the United States, regardless of citizenship</i>		
<i>(3) Local nationals or third country nationals where contract performance takes place in a country where there are no local workers' compensation laws</i>		<i>Local nationals: _____</i> <i>Third Country Nationals: _____</i>
<i>(4) Local nationals or third country nationals where contract performance takes place in a country where there are local workers' compensation laws</i>		<i>Local nationals: _____</i> <i>Third Country Nationals: _____</i>

(b) The contracting officer has determined that for performance in the country of Myanmar.

Workers' compensation laws exist that will cover local nationals and third country nationals.

Workers' compensation laws do not exist that will cover local nationals and third country nationals.

(c) If the bidder/offeror has indicated "yes" in block (a)(4) of this provision, the bidder/offeror shall not purchase Defense Base Act insurance for those employees. However, the bidder/offeror shall assume liability toward the employees and their beneficiaries for war-hazard injury, death, capture, or detention, in accordance with the clause at FAR 52.228-4.

(d) If the bidder/offeror has indicated "yes" in blocks (a)(1), (2), or (3) of this provision, the bidder/offeror shall compute Defense Base Act insurance costs covering those employees pursuant to the terms of the contract between the Department of State and the Department's Defense Base Act insurance carrier at the rates specified in DOSAR 652.228-74, Defense Base Act Insurance Rates – Limitation. If DOSAR provision 652.228-74 is not included in this solicitation, the bidder/offeror shall notify the contracting officer before the closing date so that the solicitation can be amended accordingly.

**L.7. 52.225-25 Prohibition on Contracting with Entities Engaging in Sanctioned Activities Relating to Iran—Representation and Certification. (Nov 2011)**

(a) *Definitions.*

“Person”—

(1) Means—

- (i) A natural person;
  - (ii) A corporation, business association, partnership, society, trust, financial institution, insurer, underwriter, guarantor, and any other business organization, any other nongovernmental entity, organization, or group, and any governmental entity operating as a business enterprise; and
  - (iii) Any successor to any entity described in paragraph (1)(ii) of this definition; and
- (2) Does not include a government or governmental entity that is not operating as a business enterprise.

“Sensitive technology”—

(1) Means hardware, software, telecommunications equipment, or any other technology that is to be used specifically—

- (i) To restrict the free flow of unbiased information in Iran; or
  - (ii) To disrupt, monitor, or otherwise restrict speech of the people of Iran; and
- (2) Does not include information or informational materials the export of which the President does not have the authority to regulate or prohibit pursuant to section 203(b)(3) of the International Emergency Economic Powers Act ([50 U.S.C. 1702\(b\)\(3\)](#)).

(b) The offeror shall e-mail questions concerning sensitive technology to the Department of State at [CISADA106@state.gov](mailto:CISADA106@state.gov).

(c) Except as provided in paragraph (d) of this provision or if a waiver has been granted in accordance with [25.703-4](#), by submission of its offer, the offeror—

(1) Represents, to the best of its knowledge and belief, that the offeror does not export any sensitive technology to the government of Iran or any entities or individuals owned or controlled by, or acting on behalf or at the direction of, the government of Iran; and

(2) Certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act. These sanctioned activities are in the areas of development of the petroleum resources of Iran, production of refined petroleum products in Iran, sale and provision of refined petroleum products to Iran, and contributing to Iran's ability to acquire or develop certain weapons or technologies.

(d) *Exception for trade agreements.* The representation requirement of paragraph (c)(1) and the certification requirement of paragraph (c)(2) of this provision do not apply if—

(1) This solicitation includes a trade agreements notice or certification (*e.g.*, [52.225-4](#), [52.225-6](#), [52.225-12](#), [52.225-24](#), or comparable agency provision); and

(2) The offeror has certified that all the offered products to be supplied are designated country end products or designated country construction material.

(End of provision)

# Manual Drop Arm Barrier

*(MDA4500)*



## Manufacture, Installation & Operation Guide

## 1. Performance Ratings

This barrier system has been designed as the latest iteration of the R&D process into a manually operated drop arm barrier. This barrier continues to be tested in accordance with PAS 68:2004 (MDA4500 was impact tested, the report number is B3925). This barrier design has been developed in conjunction with the testing program, and to date three previous iterations of this barrier have been impact tested, with the results of each test described below:

- *Test 1 (3,500kg vehicle travelling at a speed of 80km/h):*  
The barrier restrained the vehicle impacting at 90°, with a penetration beyond the rear face of 4m and there was no dispersion of the load. Post test the vehicle was not driveable. This barrier has an aperture (width between stanchions) of 3m.

PAS 68:2004 designation for this barrier is:

**V Manual Drop Arm Barrier 3500 80/4.0/0/90**

- *Test 2 (3,500kg vehicle travelling at a speed of 80km/h):*  
The barrier restrained the vehicle impacting at 90°, with a penetration beyond the rear face of 2.23m and there was no dispersion of the load. Post test the vehicle was not driveable and no other vehicle would have been able to pass through the barrier. This barrier has an aperture of 3m.

PAS 68:2004 designation for this barrier is:

**V Manual Drop Arm Barrier 3500 80/2.23/0/90**

- *Test 3 (7,500kg vehicle travelling at a speed of 48km/h):*  
The barrier restrained the vehicle impacting at 90°, with a penetration beyond the rear face of 0m and there was no dispersion of the load. Post test the vehicle was not driveable and no other vehicle would have been able to pass through the barrier. This barrier has an aperture of 3m.

PAS 68:2004 designation for this barrier is:

**V Manual Drop Arm Barrier 7500 48/0/0/90**

The most recent iteration of this barrier has undergone some notable changes from the earlier versions which are; a wider gate aperture (this has been increased from a three metre aperture to a four and a half metre aperture) and shallower embedment of the foundations (this has been decreased from a 1000mm depth to a 500mm depth).

- *Test 4 (7,500kg vehicle travelling at a speed of 48km/h):*  
The barrier restrained the vehicle impacting at 90°, with a penetration beyond the rear face of 0m and there was no dispersion of the load. Post test the vehicle was not driveable. The gate was partially operable after the impact and could be operated in the normal way, however would not open fully. Due to the extent of the damage during impact it is likely that only a passenger car or 4x4 vehicle would have been able to pass under it, when opened as far as the deformation would allow.

PAS 68:2004 designation for this barrier is:

**V Manual Drop Arm Barrier 7500 48/0/0/90**

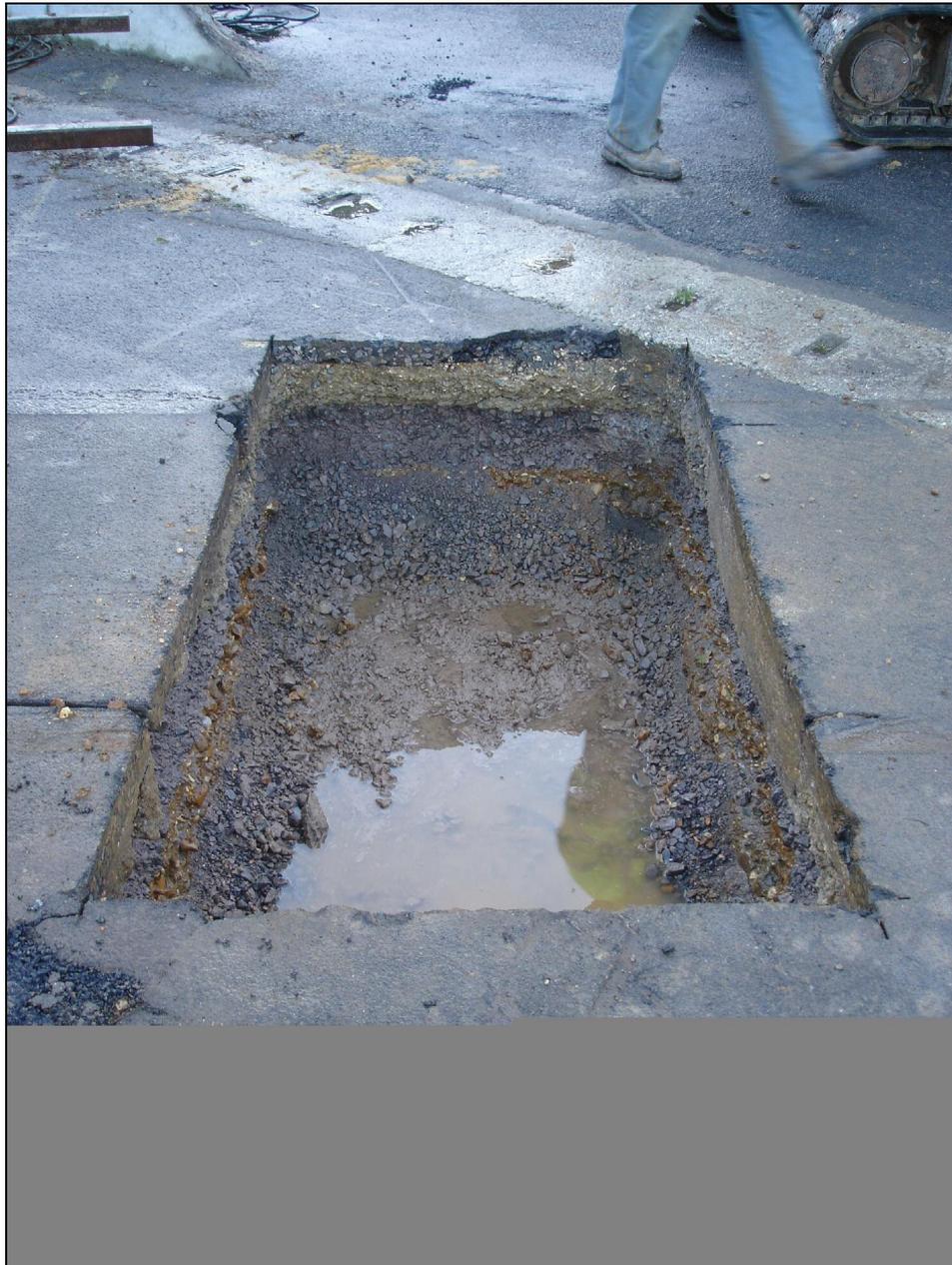
## 2. Manufacture

The manufacture of the Manual Drop Arm Barrier is in accordance with the drawings and material details specified, as shown in *Appendix A* of this document.

## 3. Installation

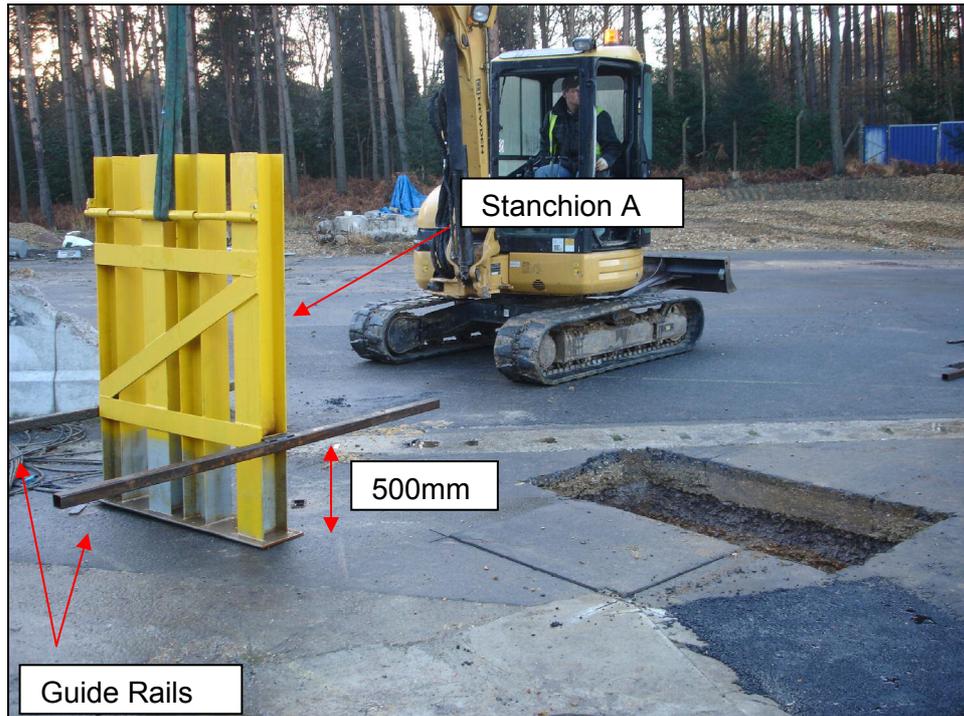
The following steps describe the recommended method of installation of the barrier.

- a. Excavate the foundations to the dimensions specified (*see Appendix A*).



**Figure 1: Excavated foundations.**

- b. Attach guide rails to stanchion "A" at 900mm from the top of the base plate.



**Figure 2: Guide rails are bolted to the foundation posts.**

- c. Place stanchion "A" in to the corresponding foundation. The rails should act as an aid to sit the barrier square, level and at the correct height above ground.



**Figure 3: The guide rails sit across the excavated foundation.**

- d. Attach guide rails to stanchion "B" and place into the corresponding excavated foundation.

*\*Note: This should be done without the barrier arm attached.*



**Figure 4: Repeat stage "b" and "c" for the second foundation post.**

- e. Once both stanchions are positioned lower the arm into position, small adjustments can be made to provide the 4.5m aperture width and ensure that the barrier arm is parallel to the ground.

*\*Note: Check that the barrier arm does not foul against the posts of stanchion "A".*



**Figure 5: Once orientated, adjust the barrier position and levels.**



**Figure 6: Once orientated, adjust the position and levels and insert the pivot.**

- f. Remove any groundwater from the excavated foundations and pour the concrete around each stanchion. The mixture should spread evenly using a vibrating device to ensure a consistent filling of each excavation.
- g. Level the concrete and wait for it to set before removing the guide rails. See local site guidance for concrete curing time.
- h. Fix the main ballast weight into position (after the concrete has cured), and secure with bolts from underneath.



**Figure 6: Main ballast weight.**

- i. Once the barrier is in position, ballast is added. See *Appendix A*, “manual operation and ballasting criteria” for a guide to ballasting. In the example, approx 20kg of additional steel ballast was added to assist in the ‘fine tuning’ of the barrier.

*\*Note: it is important that the ballast is arranged correctly to keep the center of gravity of the barrier arm in the correct place. See “manual operation and ballasting criteria”.*

- j. A cord should then be attached to the barrier arm through the eye at the lock end, as an aid to controlling the opening and closing of the barrier.



**Figure 7: Cord used to control the opening & closing operation.**

- k. Undertake post-installation inspection and commissioning before the barrier is operational.

## 4. Operational Instructions

- a. To open the barrier, unscrew lock bolts and hold down barrier while pulling out both locking bars. The barrier should fully open under the mass of the ballast.



- b. If needed, use the cord attached to the “lock-end” of the barrier arm to pull the barrier fully open or hold open while the vehicle passes through.



- c. To close, walk to the “lock-end” and use the cord to pull the barrier closed.



- d. To lock, return the barrier to the down position while pushing both locking bars back in place then re-tighten the lock bolts.



# Appendix A

## 5. Parts List (see Figure 10 to relate parts numbers)

List of Parts & Materials					
No. Off	Description	Section (mm)	Length (mm)	Material Specification	Notes
4	Short stanchion post	152 x 152 x 23	1,400.0	Steel: EN10025-2 : S275JR +AR. U-Column 152 x 152 x 23 As rolled.	Universal column.
4	Long stanchion post		1,650.0		
4	Cross flat	75 x 10	1,104.8	Steel: EN10025 S275JR +AR	10mm flat.
2	Cross flat (diagonal)		1,304.0		
2	Brace flat	400 x 10	1,200.0		
2	Barrier arm	114.3 x 6.3	6,132.4	Cold formed welded strongbox 235 Circular hollow section to Corus specification TS 30 (Rev.1) Jan.02. Mill finish. Mill cut ends.	Circular hollow section.
4	Cross beam		600.0		
2	Cross beam (short)		290.0		
2	Cross beam (diagonal)		2,184.0		
1	Ballast block	350 x 100	1,000.0	Steel: EN10025 S275JR +AR	Solid steel blocks welded to form ballast, as per drawings
2	Ballast block	350 x 100	500.0		
4	Pivot supports	150 x 150 x 10	170.0		Square hollow section.
2	Baring cartridge (UCFCX-E)	Ø30 (internal)	195.0	Steel	See drawings for manufacturing detail.
2	Collar lock	-	20.0	-	BO PART
1	Bolt tube (Mid)	-	400.0	Steel	3mm thick tube. Advise allowing room for some movement for the lock bar as it can become very tight against the tube.
2	Bolt tube (End)	-	152.4		
1	Pivot bar	Ø30	1,145.0	Steel	Solid bar.
2	Lock bar		515.0		
2	Lock plate	46 x 5	55.0	Steel	5mm flat.
2	Angle	50 x 50 x 5	138.0	Steel	-
1	Return cord	-	≈ 8500	-	BO PART
2	Handle (Lock bar)	-	-	Thermoset plastic	BO PART: appropriate size, durability.
4	Handle (Barrier)	-	-		
7	Lifting eye	-	-	Steel	BO PART: Minimum lifting capability of 2 tonne to carry fully ballasted barrier arm and ballast box. Otherwise use higher rated eyes for lifting more mass.
2	Foundations	1000 x 500	1,800.0	Concrete: EN206-1 C40/50 (GB) CL 0.40 Dmax20 Slump50.	Advise a minimum concrete strength of C25.

**Total lengths (mm):**

Universal column (152x152x23):  
Cross flat (75x10):  
Circular hollow section (114.3x6.3):  
Square hollow section (150x150x10):  
Tube:  
Ø30mm bar:

**Length (mm)**

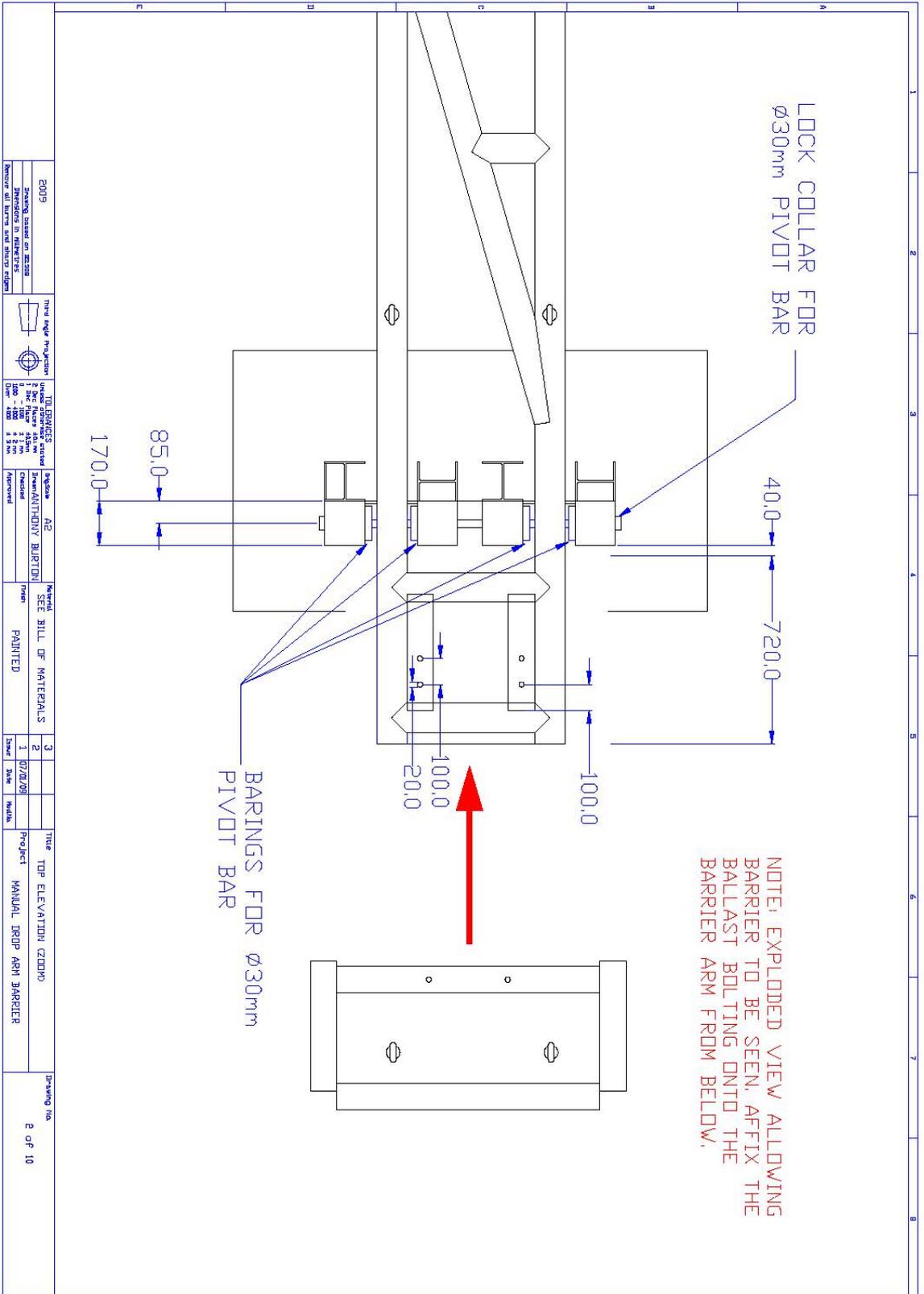
12,200.0  
7,027.2  
19,612.8  
680.0  
704.8  
2,175.0

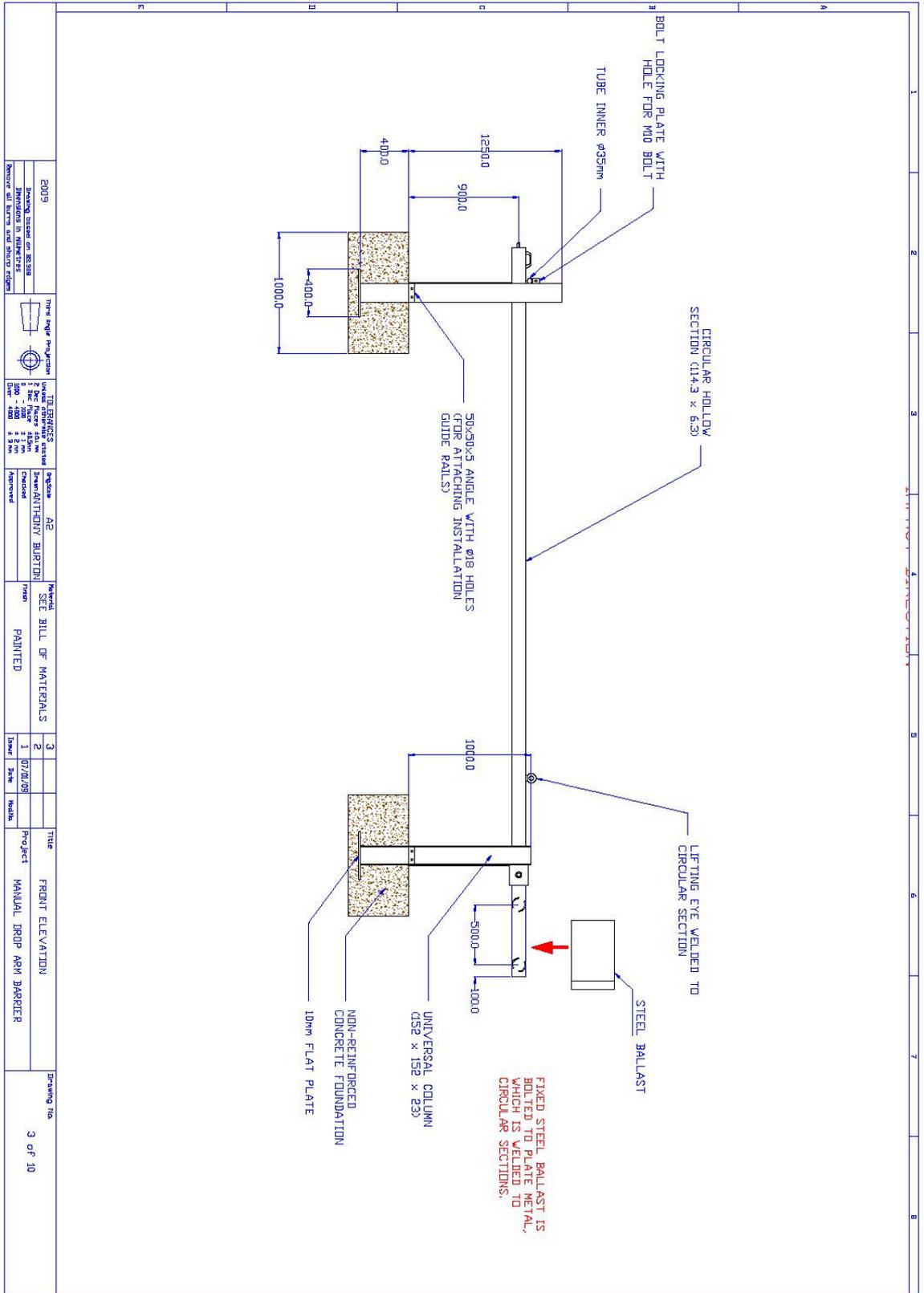
**Welding Details:**

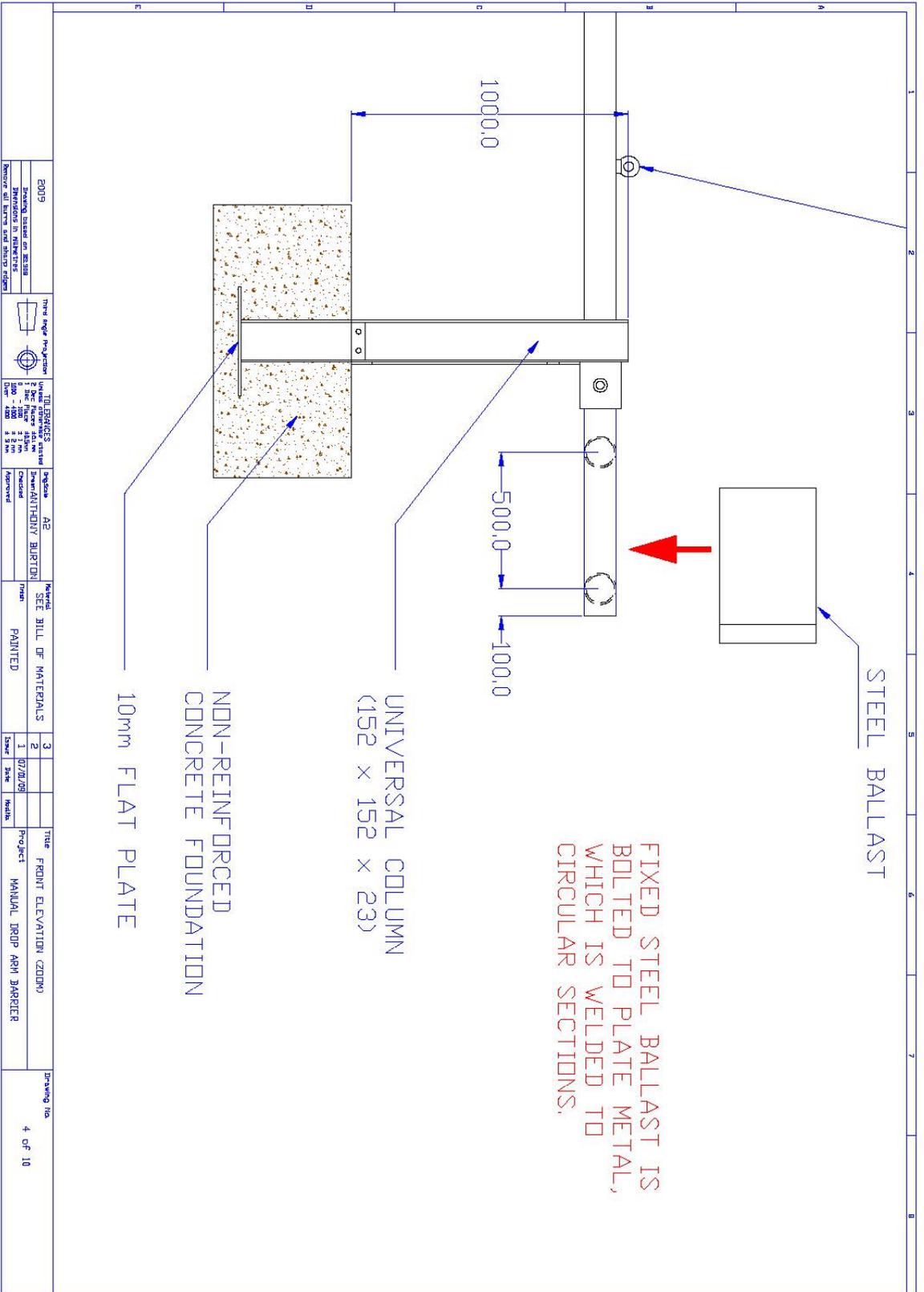
MIG Weld  
Rod: SG-Drahtelektrode / wire electrode for GMAW. Boehler EMK 6/S. EN 440-G 42 2 C G3Si1/G 42 4 M G3Si1  
Gas: FERROMAXX7 (90.5% Argon, 7% Carbon dioxide, 2.5% Oxygen).

# **Engineering Drawings**

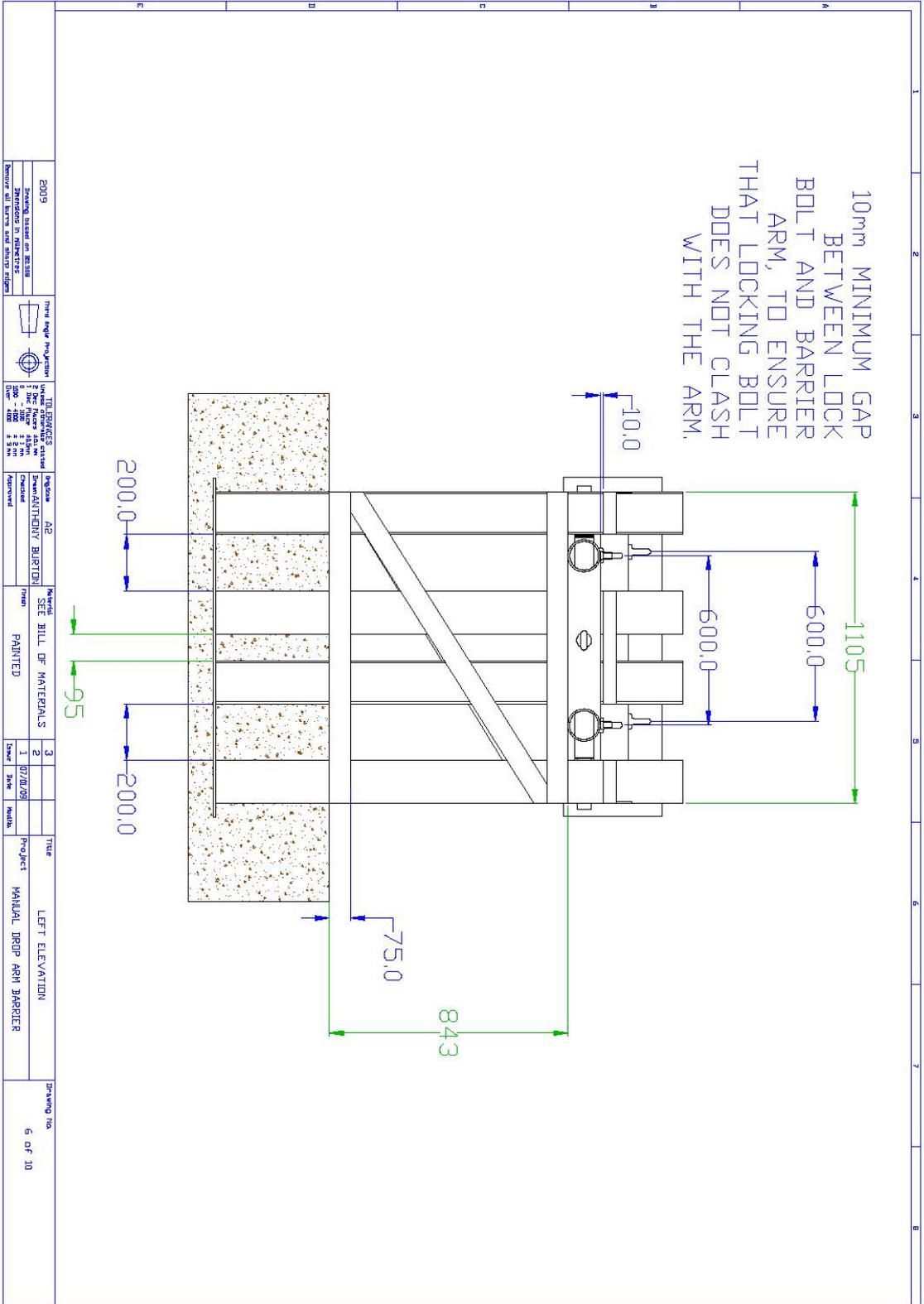








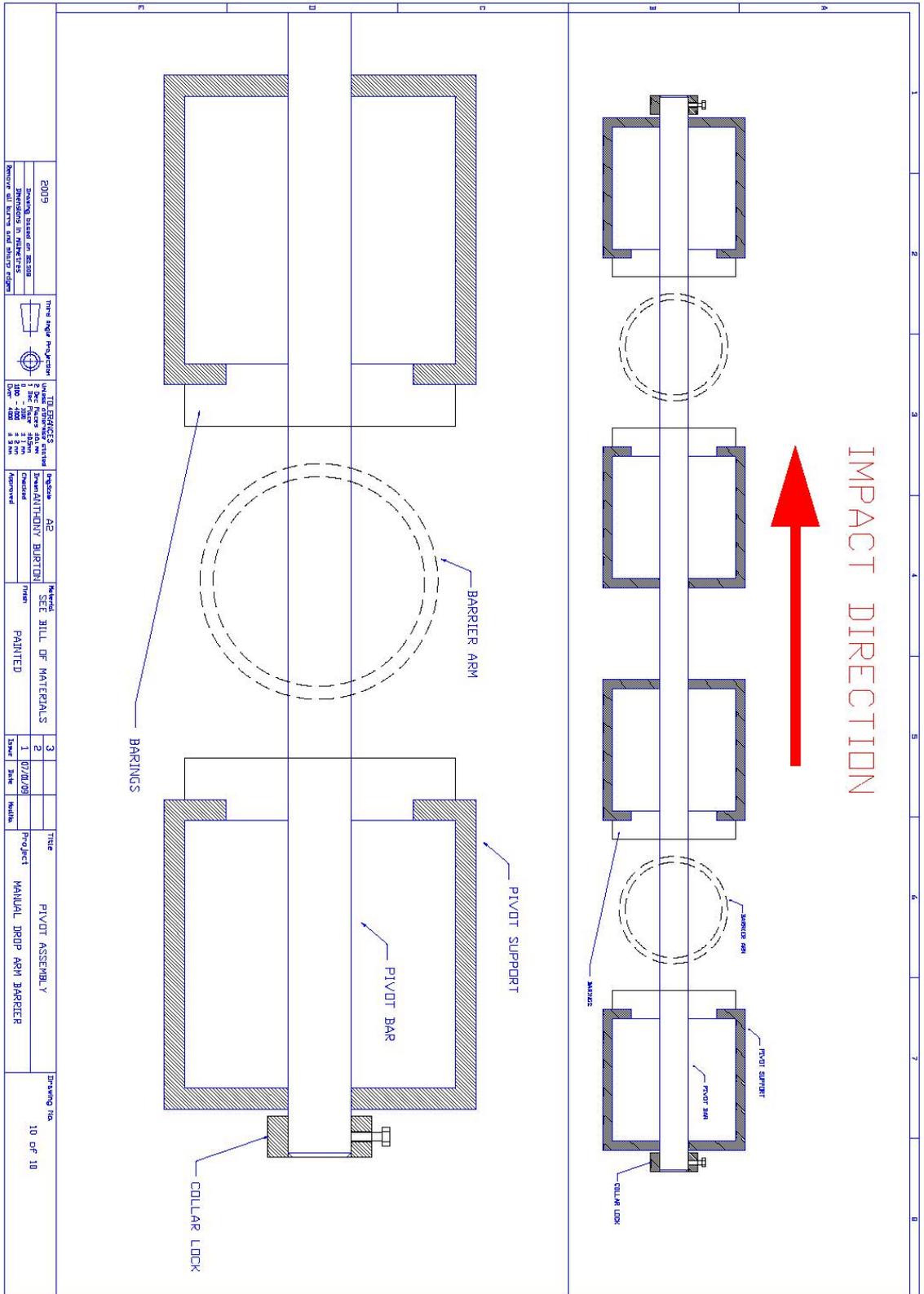






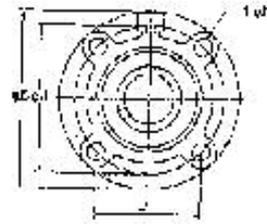
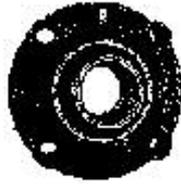






Round flange cartridge type units

UCFCX-E  
Cylindrical bore (with set screws)  
d = 25 - 100 mm



Bore dia. mm	Lock	Dimensions mm											Bolt Size	Unit No.	Housing No.	Bearing No.
		L	FR	F	F <sub>1</sub>	N	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	A <sub>4</sub>	A <sub>5</sub>	Ø				
25	1/8"	4.4	36.0	9.6	17.0	7.6	7.6	7.6	7.6	7.6	1.50	0.92	M6	UCFCX025E	FCX025E	UCX025
	1/4"	1.1	76.2	22	25	5.5	24	10	8	22.1	1.59	1.59	M6	UCFCX025E-16	FCX025E	UCX025-16
30	1/8"	5	37.5	4.5	23.5	10.5	7.5	7.5	7.5	1.75	1.05	0.64	M6	UCFCX030E	FCX030E	UCX030
	1/4"	1.27	95.25	11.6	59.3	12	22.2	5	3E	33.4	42.9	17.5	M10	UCFCX030E-16	FCX030E	UCX030-16
36	1/8"	5.5	38.25	4.5	24.2	10.5	7.5	7.5	7.5	1.75	1.05	0.74	M6	UCFCX036E	FCX036E	UCX036
	1/4"	1.63	97.75	11.1	61.5	12	28	7	11	39.2	49.7	19	M10	UCFCX036E-16	FCX036E	UCX036-16
40	1/8"	5.5	38.25	4.5	24.2	10.5	7.5	7.5	7.5	1.75	1.05	0.74	M6	UCFCX040E	FCX040E	UCX040
	1/4"	1.63	97.75	11.1	61.5	12	28	7	11	39.2	49.7	19	M10	UCFCX040E-16	FCX040E	UCX040-16
45	1/8"	6.5	42.5	5.5	26.5	11.5	8.5	8.5	8.5	1.75	1.05	0.74	M6	UCFCX045E	FCX045E	UCX045
	1/4"	1.65	107.62	10.6	67.6	14	2E	3	12	40.5	51.6	19	M12	UCFCX045E-16	FCX045E	UCX045-16
50	1/8"	6.5	42.5	5.5	26.5	11.5	8.5	8.5	8.5	1.75	1.05	0.74	M6	UCFCX050E	FCX050E	UCX050
	1/4"	1.65	107.62	10.6	67.6	14	2E	3	12	40.5	51.6	19	M12	UCFCX050E-16	FCX050E	UCX050-16
55	1/8"	7.5	46.5	6.5	29.5	12.5	9.5	9.5	9.5	1.75	1.05	0.74	M6	UCFCX055E	FCX055E	UCX055
	1/4"	1.91	118.25	13.6	74.2	14	25	7	16	40.4	55.6	22.2	M12	UCFCX055E-16	FCX055E	UCX055-16
60	1/8"	7.5	46.5	6.5	29.5	12.5	9.5	9.5	9.5	1.75	1.05	0.74	M6	UCFCX060E	FCX060E	UCX060
	1/4"	1.91	118.25	13.6	74.2	14	25	7	16	40.4	55.6	22.2	M12	UCFCX060E-16	FCX060E	UCX060-16
65	1/8"	7.5	46.5	6.5	29.5	12.5	9.5	9.5	9.5	1.75	1.05	0.74	M6	UCFCX065E	FCX065E	UCX065
	1/4"	1.91	118.25	13.6	74.2	14	25	7	16	40.4	55.6	22.2	M12	UCFCX065E-16	FCX065E	UCX065-16
70	1/8"	7.5	46.5	6.5	29.5	12.5	9.5	9.5	9.5	1.75	1.05	0.74	M6	UCFCX070E	FCX070E	UCX070
	1/4"	1.91	118.25	13.6	74.2	14	25	7	16	40.4	55.6	22.2	M12	UCFCX070E-16	FCX070E	UCX070-16
75	1/8"	7.5	46.5	6.5	29.5	12.5	9.5	9.5	9.5	1.75	1.05	0.74	M6	UCFCX075E	FCX075E	UCX075
	1/4"	1.91	118.25	13.6	74.2	14	25	7	16	40.4	55.6	22.2	M12	UCFCX075E-16	FCX075E	UCX075-16
80	1/8"	7.5	46.5	6.5	29.5	12.5	9.5	9.5	9.5	1.75	1.05	0.74	M6	UCFCX080E	FCX080E	UCX080
	1/4"	1.91	118.25	13.6	74.2	14	25	7	16	40.4	55.6	22.2	M12	UCFCX080E-16	FCX080E	UCX080-16
85	1/8"	7.5	46.5	6.5	29.5	12.5	9.5	9.5	9.5	1.75	1.05	0.74	M6	UCFCX085E	FCX085E	UCX085
	1/4"	1.91	118.25	13.6	74.2	14	25	7	16	40.4	55.6	22.2	M12	UCFCX085E-16	FCX085E	UCX085-16
90	1/8"	7.5	46.5	6.5	29.5	12.5	9.5	9.5	9.5	1.75	1.05	0.74	M6	UCFCX090E	FCX090E	UCX090
	1/4"	1.91	118.25	13.6	74.2	14	25	7	16	40.4	55.6	22.2	M12	UCFCX090E-16	FCX090E	UCX090-16
100	1/8"	7.5	46.5	6.5	29.5	12.5	9.5	9.5	9.5	1.75	1.05	0.74	M6	UCFCX100E	FCX100E	UCX100
	1/4"	1.91	118.25	13.6	74.2	14	25	7	16	40.4	55.6	22.2	M12	UCFCX100E-16	FCX100E	UCX100-16

Remarks 1. In Part No. of unit, following codes follow bore diameter (mm) Law. (Bore Dia. 10.5 ~ 142)  
 2. Part No. of optional grease types are shown below.  
 A-1M-30UNF ..... X05-X08  
 A-PT18 ..... X10-X20

ATTACHMENT #1

ATTACHMENT #2  
Contractor furnished materials

**Contractor furnished materials:**

All required labor and materials to be provided by the contractor.