



ASTI-FM 03-10
REV 3/13 January 2020

**DOST-ASTI Bids and Awards Committee
REQUEST FOR QUOTATION**

Kind of Procurement Activity:	Negotiated Procurement: Small-value Procurement		
Deadline of Submission of Bids:	Dec-13-2021, 2:00 PM		
RFQ No.:	21-12-3718	Date:	December-07-2021
PR No.:	GAA-21-11-12880	Date:	November-16-2021

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), intends to procure the item/s listed below. As such, suppliers, contractors, or distributors are invited to submit their quotation/s duly signed by authorized representative. Prospective bidder/s who will submit a proposal with the single/lowest calculated and responsive quotation shall be selected. Guidelines on the format and eligibility documents are listed at the box below the item/s to be procured.

Quotations may be sent via **a)** electronic mail at bac-sec@asti.dost.gov.ph, **b)** fax message, or **c)** delivering documents to the BAC Secretariat. For further inquiries, you may contact +63 2 249-8500 local 1206/1212 or +63 2 426-7423.

Thank you.

Respectfully,

Digitally signed by Guba
Gerwin Policarpio
Date: 2021.12.07
13:06:18 +08'00'

GERWIN P. GUBA
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>Customized Steel Ramp Supply, Delivery and Installation of Customized Steel Ramp for ASTI Storage Containers</p> <p>1. BACKGROUND AND OBJECTIVES 1.1. The Advanced Science and Technology Institute ("Institute") is seeking qualified and competent bidders ("Contractors") for the supply, delivery and installation of a customized steel ramp for the Institutes' multi-level storage containers. 1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges. 1.3. The customized steel ramp will be installed on the storage container located within the Institute's premises, specifically at the back of its main building structure, to provide the Institute's personnel safe access to the second level of the storage container. 1.4. The technical specifications indicated herein are the minimum requirements, unless otherwise specified.</p> <p>2. SCOPE OF WORK 2.1. The Contractor shall review the basic design parameters and detailed scope of works. The Contractor shall ensure that it has firsthand information on the site development plan, construction data of</p>	1	lot	750000.00	750,000.00

existing buildings, soil survey report, topographic maps and other documents that are readily available from the Institute. Such will be used to define project design criteria and serve as basis for any changed conditions and establish project cost estimates.

2.2. The Contractor shall protect the work of employees, equipment at the Institute, and adjacent property from damage for any cause whatsoever, and shall be responsible for any damage or injury (including death) due to his act or negligence.

2.3. The Contractor shall provide temporary protective covering/roofing/safety nets within the parking and open areas

2.4. The contractor shall clean and restore all affected areas such as building roofing, walls and floors during the course of the project.

2.5. The Contractor shall provide temporary facilities such as Warehouse, bunkhouse/barracks outside the Institute's premises, if necessary.

2.6. The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. He shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury, loss to (1) all employees on the work and other persons who may be affected thereby, (2) all the Work and all materials and equipment to be incorporated therein, and (3) other property at the site or elsewhere.

Contractor shall bear all risk of loss to the work, or materials or equipment for the work due to fire, theft, vandalism, or other casualty or cause, until the work is fully completed and accepted by the Institute. He shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. All damage or loss to any property caused in whole or in part by the Contractor, any Sub-Contractor, anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable, shall be remedied by the Contractor.

2.7. The Contractor shall have the responsibility in securing the construction permits such as building, excavation, fencing and other permits necessary for the project, if necessary. The Institute will provide all required documents prior to application of permits as requested.

3. TECHNICAL SPECIFICATIONS

3.1. The dimensions, quantity, and architectural design of the customized steel ramp is found in the attached drawing labeled as "ANNEX A".

3.2. Ramp Steel Column/Post

3.2.1. Base Plates

3.2.1.1. 200mm x 200mm x 10mm square steel plate

3.2.1.2. Bolted to the ground with six (6) 150-mm anchor bolts

3.2.2. Concrete footings

3.2.2.1. Depth of footings below grade shall be 305mm

3.2.2.2. Dimension of the concrete pedestal should be 300mm x 300mm x 100mm

3.2.3. Column shafts

3.2.3.1. Must be fabricated with an 3.0-inch x 5.0-inch steel I-Beam

3.3. Railing

3.3.1. Must be fabricated with 1.5-inch black iron pipes

3.4. Flooring

3.4.1. 0.25-inch industrial carbon steel bar grating

3.5. Welding

3.5.1. All new welding shall be in accordance with the structural welding code AWS D-11-75. Electrode shall be E 70xx or the appropriate.

3.5.2. All new metal surfaces shall be galvanized by hot dipped process unless otherwise noted.

3.5.3. Final metal surfaces shall be painted with one (1) coat of zinc chromate primer & two (2) final coats of enamel paint, finish color to match the existing.

3.6. Concrete

3.6.1. The scope of works includes furnishing of all labors, materials, and equipment necessary in performing concrete works. It shall consist of cement, graded aggregates, and water thoroughly mixed, placed and compacted as specified hereunder:

3.6.1.1. Concrete shall have a minimum comprehensive strength (fc') at 28 days as follows:

3.6.1.2. For footings, beams and pedestal 4,000 psi.

3.6.1.3. For lean concrete 1,500 psi.

3.7. Cement

3.7.1. Cement used throughout the works shall be approved in writing by the structural engineer and shall comply with ASTM designation C150 for Portland cement.

3.8. Aggregates

3.8.1. Fine and coarse aggregates for concrete shall comply with ASTM C-33 "Specification for Concrete Aggregates". It shall be of uncoated particles free from organic and other deleterious matter. It shall be well graded as to size ranging from 6mm up to a size not larger than 1/5 of the narrowest dimension between sides of the form for which the aggregates shall be used not larger 90than $\frac{3}{4}$ of the minimum clear spacing between reinforcing bars, and in no case larger than 25 mm. in diameter.

3.9. Water

3.9.1. Water shall be clean and free from injurious amounts of any substance that may be deleterious to concrete and reinforcement.

3.10. Reinforcing Steel Bars

3.10.1. Unless otherwise specified, intermediate grade conforming to ASTM A615 shall be used for reinforcement. Deformed bars shall conform to ASTM

A615.

3.10.2. For diameter 10mm to 12mm fy = 40,000 psi

3.10.3. For diameter 16mm to 36mm fy = 60,000 psi

3.11. Storage of Materials

3.11.1. Cement shall be stored in weather tight building or structure, which will provide protection from its dampness and contamination.

3.11.2. Aggregate stockpiles shall be arranged and used in a manner to avoid contamination with the other materials or with other sizes of aggregates.

3.11.3. Reinforcing bars shall be stored with cover and be prevented from rusts.

3.12. Concrete Strength

3.12.1. Concrete use in this work shall have a minimum compressive strength of 27.5 mPa (4,000 Psi) @ 28 days, unless high early strength is specified in which the required strength shall be obtained in 7 days.

3.13. Concrete Mix Design

3.13.1. Before concrete is placed in any part of structures, the contractor shall submit full details of concrete mixture to be used, indicating the respective average strength for each concrete mixture.

3.13.2. Test specimens shall be made prior to the first concrete pouring of field/ready mixed concrete and shall be subjected for testing at any reputable testing laboratory on the account of the contractor.

3.14. Concrete Mixing

3.14.1. Concrete shall be mixed in a batch mixer of approved type. It shall be mixed thoroughly before depositing to its final location. Concrete poured shall be evenly consolidated by suitable means (e.g. concrete vibrator).

3.15. Placing of Concrete

3.15.1. Concrete shall be deposited as nearly as practical in its final position to avoid segregation due to re-handling or flowing.

3.16. Concrete Cover

3.16.1. Minimum concrete cover for reinforcing bars shall not be less than 75 mm (3") for footings, footing tie beams, pedestal and columns.

3.17. Formworks

3.17.1. Forms shall be fabricated and installed from sound materials with sufficient strength, properly braced to ensure its adequacy. Thus, forming no visible deflection on the concrete structure.

3.17.2. Before concrete is placed, the form shall be thoroughly clean and free from

saw dust, shaving and other debris, furthermore it shall be carefully removed so as not to damaged/disturbed the concrete. No forms shall be removed until the concrete has gained enough

strength to support itself.

3.18. Construction Joints

3.18.1. Construction joints shall be formed as deliberated planes of discontinuity in concrete structures. To confirm such joints, the concrete block formed first shall be coated with rubber bitumen before pouring of adjoining concrete block.

4. APPLICABLE CODES AND STANDARDS

4.1. All structural steel works shall conform to applicable codes of manual in steel construction.

4.1.1. NSCP – National Structural Code of the Philippines, 2015, 7 th edition.

4.1.2. AISC – American Institute of Steel Construction (9 th edition)

4.2. Specification for Structural Steel Building, allowable stress and LRFD.

4.2.1. ASTM – Specification of Structural Joint using A307 and A325 bolts.

4.2.2. AWS – American Welding Society, Structural Welding Code D1.

4.2.3. ASTM – A36-A6 General Requirements for delivery of rolled steel plates, shapes, sheet pilings, and bar for structural use.

4.2.4. ASTM – A36-Structural Steel

4.3. Structural Steel

4.3.1. All new structural steel plates, sections etc. shall confirm with ASTM

A-36 standard specification or structural steel.

4.3.2. All new welding shall be in accordance with the structural welding code AWS D-11-75. Electrode shall be E 70xx or the appropriate.

4.3.3. New connection bolts shall conform with ASTM A-325.

4.3.4. All new metal surfaces shall be galvanized by hot dipped process unless otherwise noted.

4.3.5. Existing and new galvanized member surfaces damaged by field welding shall be applied with galvanize paint primer and finish paints.

4.3.6. Final metal surfaces shall be painted with one (1) coat of zinc chromate primer & two (2) final coats of enamel paint, finish color to match existing.

4.3.7. Contractor to submit shop drawings & implementation methodology for approval prior to start of any work.

4.3.8. Contractor shall restore affected or damaged areas during construction/retrofitting.

4.3.9. Coordinate reinforcement details with actual size condition. The engineer/s should be informed if details cannot be implemented on site for proper disposition.

4.4. Connection Bolts/Steel Bolts

4.4.1. Connection bolts shall be high tensile strength conforming to ASTM

A325. Anchor bolts shall conform to ASTM A307.

4.5. Welding

4.5.1 Welding electrodes shall be E70XX.

5. WARRANTY

5.1. The Contractor shall guarantee that all materials supplied and installed are free from manufacturing defects and poor workmanship for a minimum period of one (1) year.

5.2. Technical support and warranty service must be available 9-hours, 5-days a week, Mondays to Friday (excluding holidays), and can be availed through e-mail or by phone.

5.2.1 The bidder must reply within one (1) day for technical support service requests pertaining to warranty

5.2.2. Any repair or replacement should be successfully performed within 30 calendar days from the time it was reported by the end-users.

6. DELIVERY

6.1. Delivery of Goods and/or performance of Services shall be made by the Supplier on or before 29 December 2021.

6.2. Payment shall be made only upon acceptance by the End-User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for supplies and materials not yet delivered under this Contract.

TOTAL APPROVED BUDGET FOR THE CONTRACT:

Php 750,000.00

GUIDELINES

A. Submission of Quotations

1. Quotation/s shall include the Request for Quotation and/or the Purchase Request Number as state above;
2. Pictures or brand/model names or numbers, if applicable, should be specified in the quotation/s; and
3. Quotation/s must be signed by the company's duly authorized representative.

B. Eligibility Requirements

Pursuant to Annex "H" or Consolidated Guidelines for the Alternative Methods of Procurement of the 2016 Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, as amended by Government Procurement Policy Board Resolution No. 21-2017 dated 30 May 2017, the following documents shall be submitted except for Repeat Order, Shopping under Section 52.1(a), and Negotiated Procurement under Sections 53.1 (Two-Failed Biddings), and 53.5 (Agency-to-Agency):

For Procurement of Goods

1. Upon submission of quotation
 - ✓ PhilGEPS Platinum Membership Certificate including Annex "A". If not available, the following alternate documents may be submitted:
 - PhilGEPS Registration Number
 - Mayor's Permit
 - For individuals/professionals engaged under Section 53.6, 53.7 and 53.9 of the 2016 IRR of RA No. 9184, only the Bureau of Internal Revenue (BIR) Certificate of Registration shall be submitted in lieu of the Mayor's Permit.
2. Upon issuance of Notice of Award (NOA)
 - ✓ Omnibus Sworn Statement
 - Applicable only for bidders who have submitted their quotation on item/s with a total Approved Budget for the Contract (ABC) of above Php50,000.00.
 - ✓ Income/Business Tax Return

- Applicable only for: **a)** bidders who have submitted their quotation on item/s with a total ABC of above Php500,000.00; and **b)** bidders for Lease of Real Property and Venue (except for government agencies as lessors).

For Procurement of Infrastructure

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Philippine Contractors Accreditation Board License.

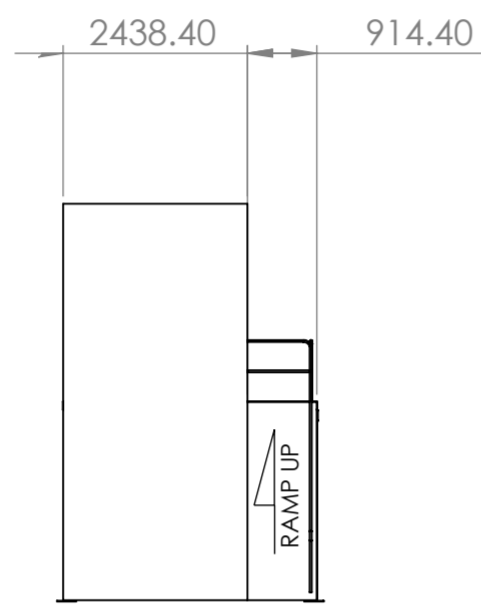
For Procurement of Consulting Services

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Professional Regulation Commission License or Curriculum Vitae.

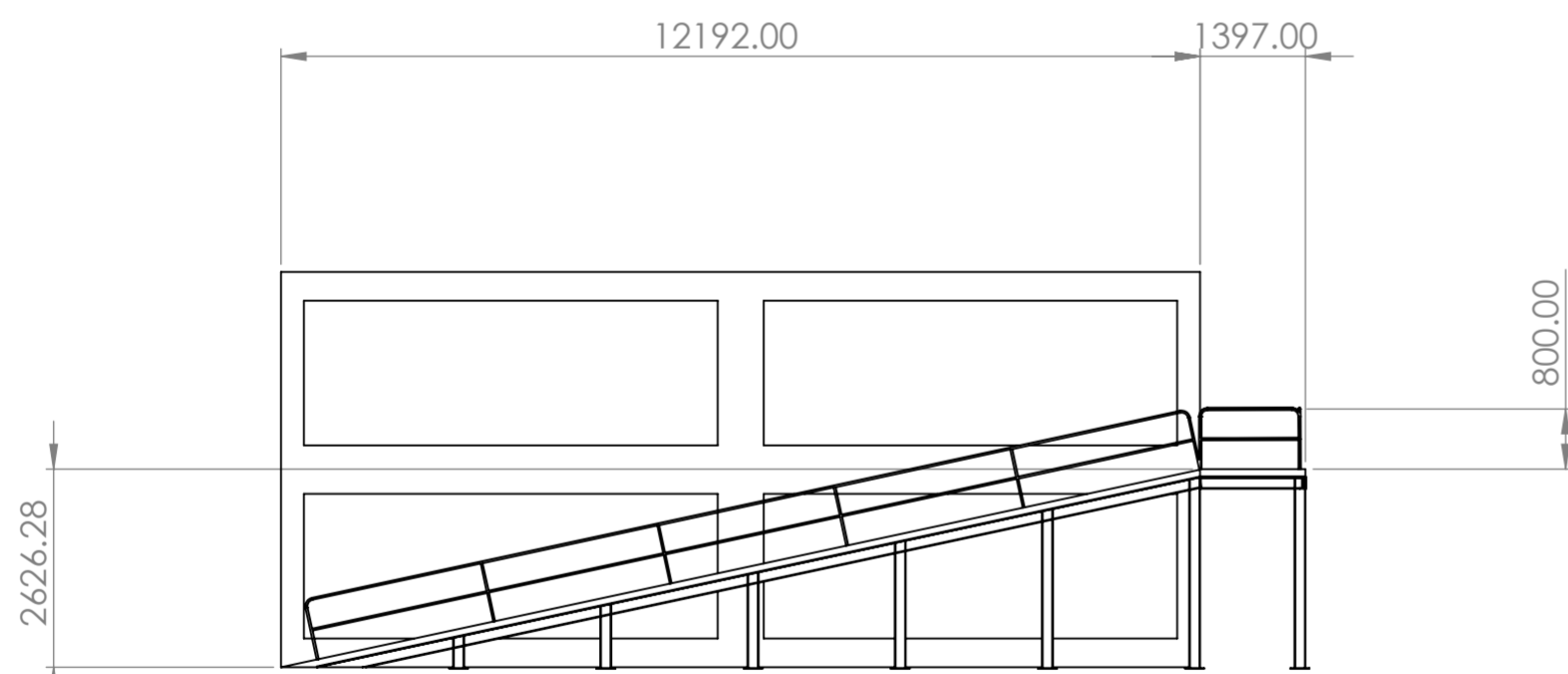
NOTE: For new suppliers, submit a BIR Certificate of Registration for accounting purposes.

C. Terms and Conditions

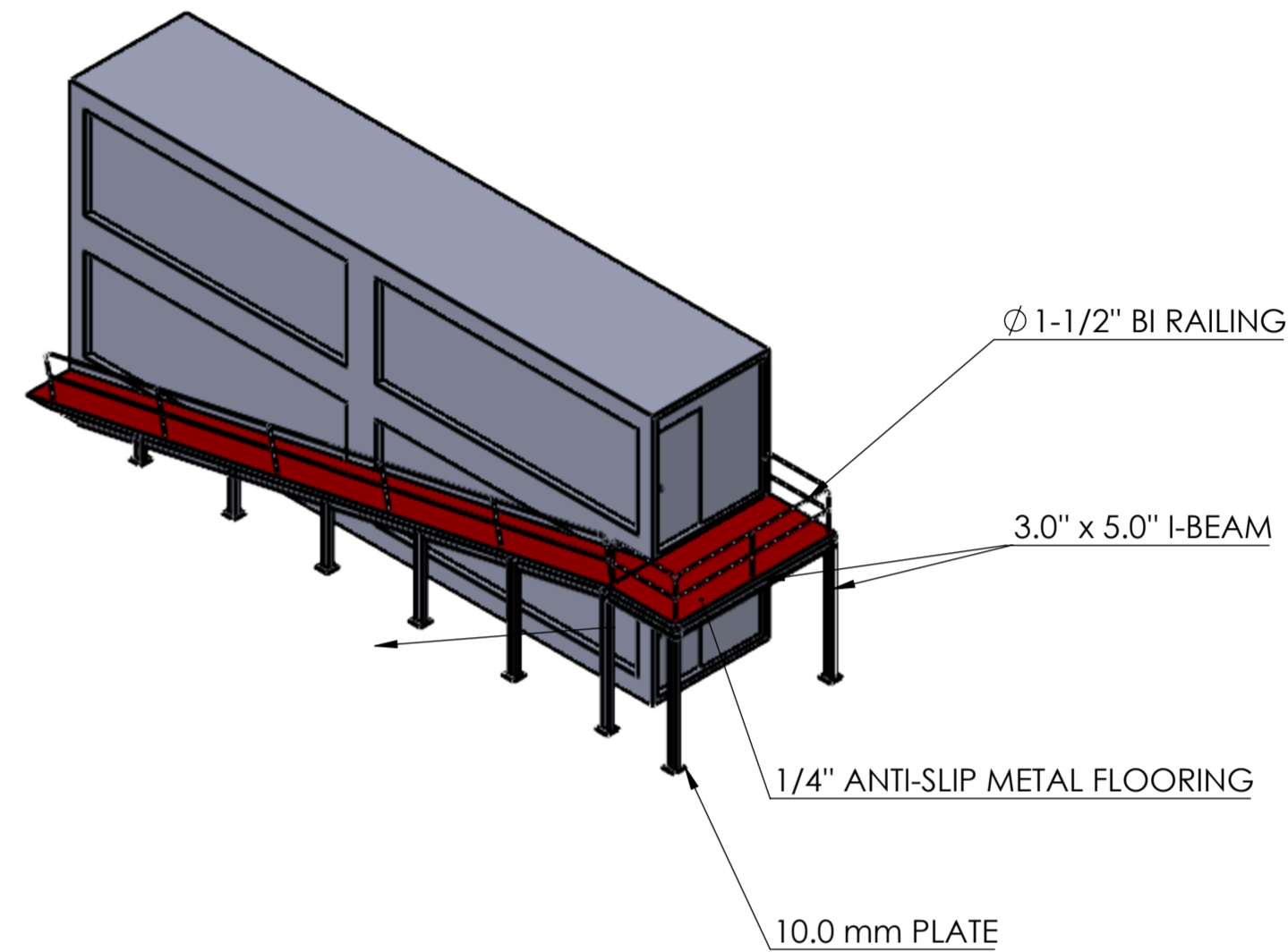
1. Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid;
2. For all kinds of procurement, the bidder who passed the bid evaluation, shall submit a duly notarized Omnibus Sworn Statement upon issuance of NOA, unless otherwise provided;
3. All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;
4. A penalty of one-tenth of one percent (0.001) of the total value of the undelivered goods/services shall be charged as liquidated damages for every day of delay of the delivery; and
5. The DOST-ASTI reserves the right to accept or reject any proposal, to annul the bidding process, and to reject all proposals at any time prior to contract award, without thereby incurring any liability to the affected proponent or proponents.



REAR VIEW



SIDE VIEW



FRONT VIEW

NOTES:
RAMP INCLINATION IS 9 DEGREES

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
SURFACE FINISH:				TOLERANCES:		LINEAR:		ANGULAR:		TITLE:	
DRAWN				NAME		SIGNATURE		DATE		DOST-ASTI Warehouse Ramp	
CHK'D										DWG NO.	
APPV'D										A2	
MFG										SCALE:1:100	
Q.A										SHEET 1 OF 1	
				MATERIAL:							
				WEIGHT:							