

STATE OF HAWAII
DEPARTMENT OF DEFENSE
OFFICE OF THE ADJUTANT GENERAL
3949 DIAMOND HEAD ROAD
HONOLULU, HAWAII 96816-4495

July 6, 2015

ADDENDUM NO. 1

**Physical Security Improvements at Wahiawa and Fence Replacement at
Waiawa, Oahu, State of Hawaii, Department of Defense, Hawaii Army
National Guard, Job No. CA-1328-C2**

The items listed hereinafter are hereby made a part of the contract for the above mentioned project and shall govern the work taking precedence over previously issued contract documents governing the items mentioned. Receipt of this addendum is to be acknowledged on page OF-8 of the proposer's packet.

**Bid opening date has been changed to July 21, 2015 at
2:00PM.**

**The following are questions from the pre-bid meeting/site visit that was held on
June 25, 2015.**

1. Is there any private or City & County property that is adjacent to the new fencing or new passive vehicle barriers. If State property, regardless of what State agency, will the contractor have permission to encroach onto the property to perform their work?
 - a. ***The Wahiawa property is bordered by State property to the north, east and west and private property to the south. The Waiawa property is bordered by private properties to the north, west and south and City property to the east. Contractor shall assume that work needs to be performed within the HIARNG property. Access to adjacent properties shall be obtained by the Contractor.***
2. Could another site visit be arranged? We would need for our proposed fencing subcontractor to make field assessment(s), on their own.
 - a. **No other site visits will be authorized.**
3. Will the Army National Guard vehicles be moved upon request to accommodate the performance of contractor work?
 - a. **A minimum of 2 weeks notice shall be given to the project manager to coordinate with the movement of Army National Guard vehicles and equipment.**
4. Is the removal of the existing fencing & barriers to coincide with the installation of the new fencing & barriers as not to leave an unsecured perimeter?
 - a. **Yes.**
5. How will the project be awarded, is it based on the lowest bidder for just the Wahiawa Armory or the lowest bidder with the combined price for both Wahiawa Armory and the Additive Bid item Waiawa?
 - a. **The bidder with the lowest aggregate amount, within the project control budget (after application of the various preferences), for the total lump sum base bid plus the alternate is the "Low Bidder" for the project. Should the lump sum base bid of all bidders exceed the project control budget, the bidder with the lowest total lump**

sum base bid (after application of the preferences) is designated the low bidder for the project.

6. Since some of these questions will change the scope of the work and pricing for material we are asking for the bid date to be delayed to allow enough time to fully evaluate any addendums.
 - a. ***Bid opening date has been changed to July 21, 2015 at 2:00PM.***
7. Please confirm that the construction time of 210 calendar days does not include time for submittals, fabrication and shipping of the material. If not, more time is requested since the passive vehicle barrier is a custom system which will take at least 8-10 weeks to fabricate after approval of the system.
 - a. ***The contract period will remain at 210 calendar days at this time. If deliveries are delayed we will revisit the end date of the contract.***
8. Spec section 32 31 13 paragraph 2.1.1 states that the chain link material is to conform to ASTM A116, this is ASTM is not for chain link fence. Can this requirement be deleted?
 - a. ***Yes, the requirements for chain link fence fabric to conform to ASTM A116 is deleted. Chain link fence fabric shall conform to ASTM A392 or ASTM A491 as stated in Spec Section 32 31 13 paragraph 2.1.1. Fencing fabric shall be minimum 9-gauge mesh and mesh openings must be no greater than 2 inches per side.***
9. Confirm that there is no grounding required for the chain link fence and passive vehicle barriers.
 - a. ***Grounding is not required for the chain link fence and passive vehicle barriers.***
10. Notes for both areas under Erosion/temporary dust control states that "all areas which are at final grade shall be immediately hydro mulched and seeded...." Please clarify the extent of this work as there is nothing showing on the plans to grade and grass areas.
 - a. ***Disregard note for Wahiawa site. For Waiawa site, note is intended to apply to area called to be cleared as indicated on drawing C-01. With vegetation cleared, there is an erosion concern.***
11. When removing of the existing fence, does the concrete footing have to be completely removed and backfilled? Or can the top of the footing be chipped down below grade and covered?
 - a. ***Remove existing footing completely and backfill with top soil.***
12. What is the required minimum spacing for the pull post to be installed in any run of new chain link fence?
 - a. ***Maximum spacing is 10 ft. No minimum spacing restriction.***
13. Fence details show that the maximum space between the bottom of the fence fabric and grade is 2". How do we address the areas that the existing grade will not allow this? Plans do not indicate having to grade along the fence line.
 - 1) At the Waiawa site southwest slope, this issue is especially bad since the existing grade is very uneven, plans do not call for any grading only removal of vegetation.
 - a. ***The Waiawa site southwest slope will be cleared as indicated on sheet C-01. Area may be fine graded to meet the 2-inch maximum spacing requirement between the bottom of the chain link fence fabric and the top of the finished grade.***
14. At the Wahiawa site:
 - 1) Will the facility move the existing storage containers on the north east side of the job so the fence area is accessible?
 - a. ***A minimum of 2 weeks notice shall be given to the project manager to coordinate with the movement of Army National Guard vehicles and equipment.***
 - 2) Does the temporary fence require the barbed tape similar to existing condition, or is just a 6 ft fence with barb wire enough?
 - a. ***The temporary fence can be 6 ft fence with barb wire.***

3) The Passive Vehicle Barrier appears to be an engineered system that the contractor has to submit for approval, what is the level of protection this barrier is to meet in order to be designed properly? Is there a K level rating that it has to meet?

a. The drawings indicate that the Passive Vehicle Barrier is a 3-strand cable - post/cable type barrier system. Specifications indicates that the Passive Vehicle Barrier shall have a Penetration Rating equal to or better than ASTM M50 as defined in ASTM F 2656. ASTM M50 indicates that the Penetration Rating is equal to a K-12 Rating.

4) Drawing C-08 is similar to a system that we have found, but not exact. Is it required that the system meet what is shown on the drawing?

a. All systems, equipment and materials, etc. shall meet or exceed the specifications, requirements and drawings provided.

5) Detail 1/C-09 Concrete Bollard for Guard Shack, what is the schedule weight requirement for the 8" steel pipe?

a. Concrete bollard shall be schedule 80.

6) Sheet PS-02 shows a stop sign and Caution sign mounted on the outside of the new gate arm, how are these signs mounted?

a. The stop sign and caution sign to enter the Wahiawa site shall be provided on a standard sign post in accordance with City and County of Honolulu standards.

15. At the Waiawa site:

1) Regarding the slope on the south west end of the project, since all vegetation is being removed from the slope will erosion control be required? If so, what is the required time period for these controls since plans to not require any type of grading or permanent controls?

a. For erosion control, provide hydromulch in accordance with notes on drawing G-03. Maintain erosion control for six weeks.

2) Sheet C-01 shows removal of an existing 6 ft fence outside the perimeter fenced in the area in back of bldg. 2, we could not find any fence outside of the perimeter fence please confirm if there is fence to be removed from this area.

a. Existing fence referenced has been removed since topo was completed. Disregard instruction to remove the existing fence described in the back of Building 2.

3) The section of type 2 fence to be installed outside the new type 1 fence from in back of bldg. 2 to the new double type 2 double swing gate cannot be installed per plan. Plans indicate that the distance between the type 1 and type 2 fence appears to be over 20 ft. This would put the type 2 fence inside the existing stream bed. This is due to heavy erosion of the stream bank. We recommend 2 options for this area.

a. Provide in accordance with the drawings. The type 2 fence alignment is located along the top of the stream embankment.

Option 1, move the new type 2 fence to within 7 ft of the type 1 fence this would allow the type 2 fence to be installed without having to work on the stream bank or clearing of the existing trees.

Option 2, instead of installing the type 2 fence the type 1 fence can be enhanced for more protection, we have been installing enhanced expanded metal fencing for the Board of Water which is 8 ft high with razor wire or barb wire as shown on the attached photos. Let us know if you would like more information on these expanded metal systems.

4) The existing fence at the existing sliding gate that remains is supporting the sliding gate and the posts are installed in a concrete curb. See attached photo. Plan sheet C-03 shows that this fence is replaced with type 1 fence. Please provide directions on installing the new post in the concrete curb and if the existing sliding gate has to be re-attached to the new fence post. We recommend that this section remain and start the new fence at the end of the sliding gate.

a. Ensure that new fence has posts that are located on the street-side of the existing curb. Re-attach existing sliding gate to new fence. When removing existing fence, cut posts so that they are flush with the top of the existing curb. Fill abandoned post embedded in curb with concrete so that top is flush with the top of curb.

5) Also, at the entry with the existing sliding gate there is a swinging gate, what happens to this swinging gate and the gate post that it is mounted to?

a. Provide new gate post in alignment with the new fence. Remove existing swinging gate and attach to the new gate post

6) Along the back (north) side of the project between the type 1 and type 2 fence there is an existing waterline which is laying on the ground, the waterline is in the way of the new fence and gates. What do we do with this waterline?

a. This waterline was not authorized by the State Department of Defense. This waterline is not listed on the plans and is to be removed and capped.

7) Sheet C-08, Erosion control plot plan, states to install type 1 fence along with the concrete header, confirm that this is type 2 fence.

a. Drawing C-08 Erosion Control Plot Plan callout for Type 1 fence shall be revised to Type 2 Fence.

8) Sheet C-10 shows "no parking" signs and "entry restricted area" signs. Please clarify exactly where these signs are to be installed.

1. Plan sheet C-03 is the only sheet that states to install the "entry restricted" signs. Are these signs only installed adjacent to the gates shown only on sheet C-03? Are these signs installed on only 1 side of the gate or on 2 sides of the gate?

a. Provide "entry restricted" signs at main entry and the fence segment adjacent to the south side of the main entry as indicated on drawing. Install signs on the street side only.

2. Plan sheet C-05 is the only sheet that states to install the "no parking" signs. Confirm that these signs are to be installed only on the 2 gates shown on sheet C-05? How many signs are required, 1 only or 1 on each leaf of the gate?

a. Provide "no parking" signs only on the one double gate as indicated on sheet C-05, one on each gate facing towards the City road.

16. In Spec Section 01 50 00, Part 2.02 C, F and H make references to a field office with fax, paper copy machine and high-speed internet connection. Section 01 50 00 Part 3.02 H also requires the same accommodations with the addition of cellular telephone services for the field office and additional portable cell phone for project superintendent. Will contractors be required to provide a Field Office with the stated provisions for the duration of the project? If so will the field office require an air conditioner of adequate BTU and furniture such as desks and chairs?

a. A Field Office is not required for this project.

17. Per Spec Section 01 50 00, Attachment E, the facility manager (C.O.) is authorized to determine if there is a need for pest control. Will contractors need to conduct a survey to ascertain the presence of various vectors as outlined in Attachment E and hire professional pest control contractor if the facility manager determines the need for pest control within the project limits? If so, will this be considered additional work, paid for separately, or will contractors send to include for this contingency in their bids? Will contractors be required to record and maintain DD form 1532-1 or will DOD or National Guard personnel be responsible for this?

- a. **The DOD currently has a pest contractor (Diversified Exterminators) conducting routine pest services at Wahiawa and Waiawa, therefore, there is no need for additional contract services. Please remove specification section 01 50 00, Attachment E.**
18. Will any and all revenues received for the contractors recycling of demolition and construction waste become property of the State?
- a. **All trip tickets for any recycling of demolition and construction waste shall be submitted to the project manager. Any and all revenues received from recycling of waste products will be the property of the contractor.**
19. Will the National Guard clear and remove the various material and equipment at the Wahiawa armory?
- a. **A minimum of 2 weeks' notice shall be given to the project manager to coordinate with the movement of Army National Guard vehicles and equipment. All other material shall be removed by the contractor.**
20. Will the existing razor and concertina wire at the fence be removed by the National Guard or will contractors be required to do so? If contractors are responsible will it be returned to the National Guard or will it be disposed of?
- a. **Existing razor and concertina wire at the fence shall be removed by contractor and returned to the National Guard.**
21. Will contractors be required to re-grass the steep slope to be cleared on the southwest property line in the vicinity of TMK 9-6-4:24 at the Waiawa armory? If so what will be the maintenance period?
- a. ***Assuming that this question is in reference to Waiawa instead of Wahiawa Armory. After clearing, provide hydromulch in accordance with notes on drawing G-03. Maintain erosion control for six weeks.***
22. Will the new government furnished, contractor install guard shack for both facilities be pre-assembled? Will the guard shack need to be anchored to the concrete pad? Will any carpentry or painting work be required? Will contractors need to pickup and deliver the guard shack from another facility?
- a. ***Yes, the guard shacks will be pre-assembled. Yes, guard shack will need to be anchored to the concrete pad, four anchor bolts are required to install the guard shack on the concrete pad (*). No carpentry or painting work will be required. The guard shack is already on site.***
****Four 5/8" Hilti KB-TZ bolts with 3 1/8" minimum embedment in 2500 psi concrete (or equal) are required for placement of booth. Inspection will be conducted by the A&E Design contractor.***
23. Will contractors be required to perform grading work at areas at existing fence lines where existing footings are exposed (up to 4" in some areas) from erosion or will contractors follow existing grades as they are at the time of construction to?
- a. **Contractors shall make adjustments to the bottom of fence fabric elevations to ensure that a maximum space of 2-inches between the bottom of the fabric to the top of the finished grade. Fine grading is allowed if the Contractor chooses to level the existing grades.**
24. In some areas at the Waiawa armory, terrain features and contours will make it very difficult if not impossible to meet the 2" maximum space between finished grade to bottom of fence requirement. Will contractors be allowed to deviate from the depicted fence details to accommodate field conditions, provided the changes are first approved by the project manager/engineer without penalty and are at no additional cost to the State?
- a. ***Contractors may propose alternatives to meet physical security maximum spacing requirement from bottom of fence fabric to top of finished grade. Alternatives must be approved by HIARNG and no additional cost to the State.***

25. Will the existing fence post footings be required to be completely removed and backfilled with select fill or will demolishing the footings to 4"-6" below grade and backfilling with topsoil be allowed?

a. Remove existing fence post footing completely and backfill with top soil.

26. Will contractors be responsible for any permits that may be required by the US Army Corp of Engineers, for work on or near the stream bank and be responsible for any compensatory mitigation including mitigation banks or in-lieu of fee programs related to work along the stream along the northwest property line, that may be impacted by construction of the secondary fence in the back portion of the Waiawa facility.

a. Contractor is responsible for obtaining all permits needed for construction. However, intent of design is for "secondary" fence to be located outside of stream bank so that a permit from the US Army Corps of Engineers is not required.

27. Temporary Facilities and Controls Section 01 50 00 includes Attachment D, Instructions for the Use of Pest Management Maintenance Record and Attachment E, Outline of Pest Management Procedures at Hawaii ARNG Facilities. Please confirm that the offerors are not required to include any pest management within their bid proposal as the amount of pest control cannot be determined at bid time without a completed pest control survey report documenting the existing conditions that may also differ between bid date and actual start of construction.

a. The DOD currently has a pest contractor (Diversified Exterminators) conducting routine pest services at Wahiawa and Waiawa, therefore, there is no need for additional contract services. Please remove specification section 01 50 00, Attachment D.

28. Please advise if the intent is to include removal of the post footings along with the removal of the chain link fencing.

a. Remove existing fence post footing completely and backfill with top soil.

Drawing changes:

Wahiawa

Drawing G-02

Delete symbol for traffic arm gate

Drawing C-01

Revised layout of entry for all new physical security elements to be within HIARNG property line as described in changes to Drawing C-03.

Drawing C-02

Add the removal of the existing vehicle 6-ft high, 24-ft wide double swing gate.

Drawing C-03

Delete new traffic arm gate and existing vehicle swing gate.

Revise entry for all new physical security elements to be within HIARNG property line.

- Employee card reader and pad, guard shack and pad and concrete bollards will be moved further south to be within HIARNG property.
- Add new automatic slide chain link fabric gate with gate operator that will replace the existing gate.
- Add new pedestrian entry which will consist of pedestrian 6-ft high, 5-ft wide single swing gate and pedestrian card reader.
- Add approximately 19 feet of passive vehicle barrier cable to extend the north-south alignment of the entry driveway.

Drawing C-09

Delete gate arm concrete pad detail.

Revise card reader concrete pad detail dimensions to square 2-ft x 2-ft in plan view.

Drawing PS-01

Revise entry for all new physical security elements to be within HIARNG property.

- Employee card reader, guard shack, light pole, concrete bollards, vehicle detection loops, and hand holes will be moved further south to be within HIARNG property.
- Add automatic slide chain link fabric gate with gate operator. Delete existing vehicle swing gate.
- Add pedestrian single swing gate and pedestrian card reader.
- Add approximately 19 feet of passive vehicle barrier cable to extend the north-south alignment of the entry driveway.

Drawing PS-02

Revise entry signage and striping.

- Relocate Stop bar striping further south.
- Add pedestrian cross walk striping, approximately 17 feet long, at pedestrian entry gate.
- Add approximately a total of 315 sq. ft of yellow diagonal directional striping at entry.
- Add one additional 15 mph speed limit sign.
 - Mount additional sign on backside of double stacked stop sign and caution sign (ingress).
 - Other sign to be single mounted on post (egress).
- Relocate ingress and egress double stacked stop sign and caution sign and post.

Drawing PS-03

Delete gate arm vehicle barrier detail.

Revise vehicle detection loop detail to remove gate arm.

Drawing PS-04

Delete "Gate Arm Control and Narrative". Delete any reference to gate arms on this drawing.

Drawing E-02

Revise entry to move all physical security elements within HIARNG property

- Relocate new light pole, hand holes and electrical lines further south within HIARNG property. Assume length of electrical duct lines remain the same.

Drawing E-03

Delete gate arm and associated electrical lines to power gate arm

Revise entry to move all physical security elements within HIARNG property

- Relocate new light pole, hand holes and electrical lines further south within HIARNG property. Assume length of electrical duct lines remain the same.

Arthur J. Logan
Major General
Adjutant General

Posted: July 6, 2015

PRE-BID CONFERENCE ATTENDANCE LIST

DATE: June 25, 2015 at 9:00am
 PROJECT: Physical Security Improvements at Wahiawa & Fence Replacement at Waiawa, DOD, HIARNG, Job No. CA-1328-C2

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PRE-BID CONFERENCE ATTENDANCE LIST

DATE: June 25, 2015 at 9:00am
 PROJECT: Physical Security Improvements at Wahiawa & Fence Replacement at Waiawa, DOD, HIARNG, Job No. CA-1328-C2

Wahiawa
&
Waiawa

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