



RFP No: RFP/ENWWF/101/0921

Dated: 21st September 2021

Request for Proposal

Services required for Construction of Nature and a Hiking trail in Al Bithnah, Fujairah.

Emirates Nature-WWF is currently working on to establish one Nature and one Hiking Trail in Al Bithnah area of the Emirates of Fujairah. We are looking to engage a Construction Contractor, who can design, plan and execute all the construction work of the Nature and Hiking Trail.

SCOPE OF WORK

1. Detailed Design of the Nature and Hiking trail.
2. Construction of the trail as per details of the project.
3. Involvement and supervision of EN-WWF volunteers in various trail construction activities.
4. Support Emirates Nature-WWF in obtaining necessary approvals as relevant

Details of the Project:

01. Nature Trail:

The Nature trail is a low elevation loop trail which will connect different Points of Interest in Al Bithnah area. Total length of the trail will be approximately 2.5 kms. Below are core components of the Nature trail implementation:

- **Levelling & cleaning:** Out of the total length of the trail, 1.2 kms requires only levelling and cleaning the path (refer Picture 02) with width of one (1) meter and marking the path side boundaries with natural stones (refer to Picture 01 – Yellow lines).
- **Stone Path:** Remaining 1.3 kms should be constructed with cement & natural stones with a width of one (1) meter and thickness of 10 cm (refer to Picture 01 – Blue lines). Cement & stones should be used in such a way that it looks natural and resembles the surrounding environment (refer Picture 03).
- **Access:** Stairs with minimal number of steps will be required at Four points along the trail to improve safety and access. The stairs should be made with natural stones with minimum use of cement for fixing stones in place (refer Picture 05).
- **Watch Tower:** One watch tower (refer Picture 06) should be constructed at a specified location as shown on below map. The Watch tower should be in the design of traditional watch towers found across UAE. Watch tower should be three (3) meters wide and 2-3 meters high with a single step inside the tower serving as a viewing platform for visitors.
- **Resting Area:** There will be a resting area in the trail comprised of four (4) benches made of natural stones and cement.



02. Hiking Trail:

The Hiking trail will be commencing from an intersection of the Nature trail and will be leading to the peak of the adjacent mountain to an elevation of around 400 meters (refer Picture 01 – Red line).

Below are the core components of the hiking trail implementation:

- **The Path:** The proposed Hiking trail (red line) is as per a preliminary survey only. The final trail path may be altered to accommodate safe work execution and in order to keep the slope of the trail at a minimum level.
- **Slope:** As per industry guidance, the slope of the hiking trail should be between 10 – 20 degree and should not exceed more than 30 degrees in any case.
- **Levelling and Cleaning:** The Path of the hiking trail will require only levelling & cleaning (refer Picture 02) with width of one (1) meter and marking the path side boundaries with natural stones (refer to Picture 01 – Yellow lines)
- **Access:** Stairs with natural stones should be constructed at points where the path can not be diverted, and slope exceeds the above guidance (refer Picture 05).
- **Resting Areas:** Four (4) resting points should be installed at equally distributed intervals with benches made of natural stones and cement.
- **Watch Tower:** A watch tower (refer Picture 06) should be constructed at the top of the Hiking Trail. The Watch tower should be in the design of traditional watch towers found across UAE. Watch tower should be three (3) meters wide and 2-3 meters high with a single step inside the tower serving as a viewing platform for visitors.
- **Summit Seating Area:** 3-4 benches should be installed at the summit and made of natural stones.

Environment, Health and Safety (EHS) Protocols:

Below EHS protocols should be strictly followed:

- Company should have a robust EHS policy and protocols in place and should implement a EHS plan during the project.
- As the project is in wilderness area, all work should be done with minimum disturbance to the surrounding environment. The EHS plan should identify any potential risks along with appropriate management and mitigation measures.
- All construction waste, material and machinery should be carefully handled so that there is no damage to the surrounding environment (EHS plan to address waste management).
- Construction waste should not be left on site and should be disposed off as per local authority's rules and regulations. As much as possible, recycling and reusing should be followed throughout the construction phase.
- Trail should be designed in such a way that it can sustain flash floods as the trails are in mountainous area and prone to erosion from precipitation.
- Trail construction should be performed in such a technique and style that resembles the natural landscape.
- No disturbance should be made to the nearby, marked archaeological sites.



Emirates Nature-WWF Volunteers Involvement:

As Emirates Nature-WWF is offering different volunteer programmes, volunteers will be involved in support of certain activities related to the construction of both trails. It will be the responsibility of the contractor to prepare a plan of activities to involve volunteers in the construction of the trails. This should include low-risk tasks which can be performed easily by volunteers while adhering to the EHS Plan. The Contractor will also be responsible to monitor and support the work of volunteers. Emirates Nature staff will provide additional support and supervision to the volunteers.

Required Information to be included in Proposal:

We will require the following documents and information related to your company:

- Quotation mentioning the cost of each trail (Nature Trail & Hiking Trail) separately along with a breakdown of main work packages required to complete the plan/design of the path/trail.
- Timeline for the execution of the project mentioning expected start date and end date.
- Description of professional expertise and experience in similar projects.
- Number of support staff, EHS employees and leadership/supervisors that will be involved in the project.
- Number of years in related business and EHS performance.
- Experience in providing similar services to other Organizations and/or Companies.
- A robust EHS policy and relevant protocols should be in place and should be provided at the RFP stage to demonstrate capacity of the contractor to undertake such work.

Contract Deliverables:

- Detailed design of the Nature trail.
- Detailed design of the Hiking trail.
- Construction & levelling of 1.25 km of Nature trail with natural stones.
- Construction of 1.25 km of Nature trail with cement and natural stones.
- Two watch towers (one in Nature trail and second in Hiking trail) similar to traditional watch towers constructed across UAE.
- Alignment and construction of 2.5-3 km of Hiking Trail with natural material.
- Few steps/stairs wherever required to accommodate the access/slope.

Deadline for application:

The RFP is dated September 21st, 2021. Proposals are due by October 2nd, 2021. Proposals will be evaluated immediately thereafter. During this time, we may require interviews at our office or by phone with our evaluation team.

We are aiming to initiate the construction work in second week of October 2021, to complete half of the Nature trail before November 15th, 2021.



Data Ownership:

Data, information, and pictures collected during the project remain the property of Emirates Nature-WWF and must be remitted to Emirates Nature-WWF at the end of the assignment.

Place of work:

The site is in Al Bithnah (Wadi Hum) of Fujairah Emirate (United Arab Emirates), 18 km from Fujairah town on Masafi Fujairah highway E89.

Reference Pictures:



Picture 01



Picture 02



Picture 03



**Emirates
Nature**

In association with



WWF



Picture 04



Picture 05



Picture 06

Submit your proposals with all required documents to below Contact:

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