

BoQs

Construction of Multipurpose Wooden Elevated Platforms

Project: Sustainable Mangroves Management and Community Development in the Indus Delta II

Location:	Kharo Chan, Keti Bunder & Shah Bunder in District Thatta & Sujawal
Type of contract:	Contactor /Construction Company
Total Number of Platforms:	08
Wood Material:	Pine
Starting Date:	15 th July-2022
Expected duration of Assignment:	4 Months

1. Brief Introduction of WWF-Pakistan:

WWF Pakistan founded in 1970, is the largest independent conservation NGO in Pakistan, with over 20 offices nationwide. WWF-Pakistan's mission is to conserve the country's vast biodiversity and natural resources. To this end, it works in the areas of food, climate & energy, freshwater, wildlife, forests, and oceans. Since its inception, WWF-Pakistan has implemented more than 200 projects and programs. WWF-Pakistan works closely with local and national partners, government, private partners, research, and communities. WWF-Pakistan has had extensive experience in working with international donors since January 2019.

2. Background of Project & Assignment:

The effects of climate change are clearly visible in the coastal areas of the Indus Delta. Pakistan is ranked 5th most vulnerable country on the global climate change vulnerability index. Cyclones and high tidal waves cause loss of life and property in the project area. Based on the different scenarios of Disasters, WWF-Pakistan is already striving at its level best in proposed districts Thatta & Sujawal for a long to make them resilient, save biodiversity, increase mangroves, protection of wildlife to minimize climate change impacts on the communities.

Currently, WWF-Pakistan has been implementing the BMZ-Bengo project "Sustainable Mangroves Management and Community Development in the Indus Delta. The Project is aiming at to enhance the capacity of the most vulnerable communities for their resilience to climate change and disasters. Focusing the project goal, key interventions like the capacity building of the most vulnerable communities, placing early warning systems, construction of multipurpose wooden raised platforms, and development of community-managed coastal disaster response units and other relevant interventions are planned to execute. WWF-Pakistan is looking forward to hiring the services of a professional contractor/construction company for the construction of eight to ten wooden elevated multipurpose platforms in local communities of Keti Bunder, Shah Bunder, and Kharo Chan of districts Thatta and Sujawal having capacity of 50 to 60 people which will be utilized by communities during emergencies /disasters flood, cyclones, and high tide.

It should be noted that the platform could be 12 x 12 meters according to the need with sustainable side fencing in a way to provide complete protection during the high-speed wind blows along with the rainwater harvesting system and foldable top cover for rain protection.

3. Objective of the Assignment:

- Construction of eight multipurpose wooden raised platforms in districts Thatta & Sujawal to save communities and their valuable assets during emergencies /disasters high tide, floods, and cyclones;
- Develop an understanding of people using multipurpose wooden platforms;
- Create awareness among other villages to construct/develop these platforms in their villages

4. Scope of the Assignment:

- Designing and layout of the wooden elevated multipurpose platforms along with the rainwater harvesting system and foldable roof;
- Construction of eight wooden elevated multipurpose platforms at Keti Bunder, Kharo Chan, and Shah Bunder along with the rainwater harvesting system and foldable roof;
- The dimensions of each structure should not be less than 12 x 12 meters and 6 ft. high from the ground level with a 4 ft. base inside the soil, each piler gap should not be apart from 4 ft in all directions.
- The wood sheet thickness should not be less than 2 inches while each piler's dimensions should not be reduced from 4 x 5 inches along with stairs and rainwater harvesting system along with storage tank of 300 gallons at each structure;
- Consultation with communities according to their indigenous knowledge and existing practices wooden elevated multipurpose platforms will be constructed;
- Work Progress Certificates and Work Completion Certificates will be provided according to the objectives of the assignment.

5. Specific tasks for Contactor:

- The Contractor will share the design and layout of wooden elevated multipurpose platforms with WWF-Pakistan for approval along with the aforementioned specified thickness of each layer;
- Construction of 8 wooden elevated multipurpose platforms according to the aforementioned dimensions and details;
- Discuss with communities on their existing practices and incorporate their suggestions and feedback in construction;
- Use local skilled and non-skilled labour during construction work to support the local economy;
- Submit a proper plan of construction at identified sites with the consultation of communities;
- Submit work progress certificate according to payment schedule;
- Work completion certificate of all platforms will be submitted to WWF-Pakistan after work completion;
- Approved construction material will be utilized on all platforms;
- Respect and understanding of communities and project staff suggestions for the location identification, needs, material requirements, design modification according to the need, etc.

6. Approach & Methodology:

- Approved design & material from WWF-Pakistan will be utilized in construction;
- The contractor will propose the most appropriate way to execute the construction work in expected deliverables;
- All construction work will be carried out in consultation with local communities and their indigenous knowledge;

- All construction work will be completed within the agreed time period.

7. Main deliverable of the assignment:

- Develop design and layout of wooden elevated multipurpose platform
- Construction of 8 wooden elevated multipurpose platforms according to design, material quality size, and specification approved by WWF-Pakistan
- Details of planning and execution methodology
- Day-to-day updates and pictorial evidence of the construction work
- Completion of construction of wooden elevated platforms as per agreed time with durability guaranty of at least 10 years.

8. Tasks for WWF-Pakistan:

- Share detail of sites/villages with the contactor
- Provide information/data required to contactor regarding the construction of wooden elevated multipurpose platforms
- Facilitate contractor in conducting meetings with communities and site visits

9. Eligibility Criteria of the Contactor:

The response of the contactor against eligibility and experience are mentioned as under:

- Registered contactor with the Government of Pakistan having NTN and fulfilling other legal requirements
- Contactor should have at least 10 years of experience in the field of construction
- Experience of working on a similar type of assignment
- Having experience working with I/NGOs in the field of construction
- Good knowledge of coastal areas specially Thatta & Sujawal
- A detailed description of the realistic methodology for the construction of platforms

10. Guideline for submission of proposal/expression of interest:

Interested contractors/companies can apply by submitting an electronic and well as hard copy of the proposal to WWF-Pakistan at the address (35D PECHS Block-6, Main Shahrah e Faisal, Karachi under the name of Ghazi Salahuddin, WWF-Pakistan).

- Brief introduction of contactor (attach detailed company profile with references)
- Understanding of the local context of district Thatta & Sujawal
- Detailed Work plan
- The contractor will submit the construction cost of each and all wooden elevated multipurpose platforms including all applicable taxes of the Government of Pakistan and Sindh.

11. Period of assignment:

- Start Date: July 15, 2022
- End Date: November 15, 2022

12. Conditions:

- WWF-Pakistan reserves the right to accept any proposal or reject all proposals
- Only shortlisted contactors/companies will be contacted for further consideration.