



REQUEST FOR PROPOSAL (RFP)

NAME & ADDRESS OF FIRM	DATE: April 16, 2021
	REFERENCE: UNDP-RFP-2021-131

Dear Sir / Madam:

We kindly request you to submit your Proposal for the provision of services for **"Mangrove plantation & restoration on 100 hectares in the coastal of District Gwadar in Balochistan."**. Please be guided by the form attached hereto as Annex 2, in preparing your Proposal.

Your proposal should be submitted through e-Tendering online system by or before the deadline of Monday **3rd May 2021 12:30 PM PST OR 3:30 AM EDT** indicated in <https://etendering.partneragencies.org>.

Detailed instructions on how to submit, modify or cancel a bid in the e-Tendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link:

<http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/>

Your Proposal must be expressed in the English, and valid for a minimum period of 90 days.

You are kindly requested to indicate whether your company intends to submit a Proposal by clicking on "Accept Invitation" button no later than **Monday 26th April 2021**. If that is not the case, UNDP would appreciate your indicating the reason, for our records. Clicking the Acceptance button **will enable you to receive updates/notifications, but it will not restrict you from submitting the bid till the deadline.**

In the course of preparing your Proposal, it shall remain your responsibility to ensure that it is submitted through the e-Tendering system on or before the deadline. Proposals that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If there is requirement of any clarification related to this RFP, kindly send queries to pakistan.procurement.info@undp.org.

Services proposed shall be reviewed and evaluated based on completeness and compliance of the Proposal and responsiveness with the requirements of the RFP and all other annexes providing details of UNDP requirements.

The Proposal that complies with all of the requirements, meets all the evaluation criteria and offers the best value for money shall be selected and awarded the contract. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price shall be re-computed by UNDP, and the unit price shall prevail and the total price shall be corrected. If the Service Provider does not accept the final price based on UNDP's re-computation and correction of errors, its Proposal will be rejected.

No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the Proposal. At the time of Award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Contract or Purchase Order that will be issued as a result of this RFP shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a Proposal implies that the Service Provider accepts without question the General Terms and Conditions of UNDP, herein attached as Annex 4.

Please be advised that UNDP is not bound to accept any Proposal, nor award a contract or Purchase Order, nor be responsible for any costs associated with a Service Providers preparation and submission of a Proposal, regardless of the outcome or the manner of conducting the selection process.

UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a Purchase Order or Contract in a competitive procurement process. In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link:

<http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/>

UNDP encourages every prospective Service Provider to prevent and avoid conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, cost estimates, and other information used in this RFP.

UNDP implements a zero tolerance on fraud and other proscribed practices, and is committed to preventing, identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its Service Providers to adhere to the UN

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Supplier Code of Conduct found in this link:
http://www.un.org/depts/ptd/pdf/conduct_english.pdf

Thank you and we look forward to receiving your Proposal.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "Knut Ostby", is displayed within a light blue rectangular box.

**For Knut Ostby
Resident Representative**

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Annex 1**Description of Requirements**

Context of the Requirement	Organization for mangrove plantation & restoration on 100 hectares in the coastal of District Gwadar in Balochistan.
Brief Description of the Required Services ¹	<p>Over the past 20 years, UNDP has been extending support to the Government of Pakistan in shifting its focus from relief to the resilience approach, which seeks to reduce risks, mitigate disaster impact and undertake disaster preparedness. UNDP has also been supporting national, subnational and district governments in developing institutional capacity for systematic disaster risk management.</p> <p>UNDP in Pakistan has played a crucial role in promoting knowledge on earthquake and tsunami risk reduction for more than two decades. UNDP is implementing a project titled "Strengthening tsunami and earthquake preparedness in coastal areas of Pakistan", with financial assistance from the Government of Japan. UNDP is closely working with NDMA, Sindh and Balochistan PDMA, PMD and other stakeholders for policy discourse on the existing capacity and institutional arrangements of different agencies involved in disaster risk preparedness and response in the coastal areas.</p> <p>Tsunami is considered as rapid onset hazard that provides very little time if its generated by nearby source and leaves devastating inland impacts. On the 1000 km coastline of Pakistan, number of maritime agencies exist for defence purposes and play active role in relief operation in case any natural disaster hits coastal belt. Therefore, mangrove plantation & restoration helps stabilizes the coastline and prevents erosion from waves and storms that will create resilience model for replication on entire coast.</p> <p>Under the project, UNDP intends to engage an organization/firm for the establishment of mangrove plantations & rehabilitation of 100 hectares to strengthen bio shields for coastal hazards.</p> <p>The expected organization/firm is required to involve all potential stakeholders forest, wildlife departments, district administration, conservation organizations and local communities for successful implementation of the project. These stakeholders shall participate in every stage (design, execution and monitoring of the activities) of project implementation on establishment of mangrove plantations.</p>
List and Description of Expected	Expected key outputs/deliverables/mandatory requirements:

¹ A detailed TOR may be attached if the information listed in this Annex is not sufficient to fully describe the nature of the work and other details of the requirements.

Outputs to be Delivered	<p>The firm is expected to initiate the process for plantation of mangroves on 100 hectares in the existing mangrove habitat along the coastal areas of project district. The firm is expected to undertake the following key activities for subject activity:</p> <ol style="list-style-type: none">1. Conduct a feasibility and assessment study jointly with Forest Balochistan Department (BFD) for selection of a suitable site for establishing mangrove plantations. The assessment study is expected to be based on the environment and ecology, geomorphology and other landform characteristics, salinity, the source of fresh water and drainage system and details of local communities.2. The key recommendations shall be based on the standard sitting criteria, developed prior to the assessment and findings.3. The use of advance tools i.e., remote sensing and satellite imagery should be in the methodology is highly recommended and desirable.4. Following the selection and finalization of the sites, the organization/ firm will be responsible to liaise with the relevant government departments, organizations, and local communities to undertake the establishment of mangrove plantations which includes seed collection, nursery raising, planting, and tending.5. The organization/firm will also be required to provide a strategy for sustainable management of the established sites, preferably with the involvement of local forest department and communities.				
	Sr#	Deliverables	Action Required	Estimated Timelines	% Payment
	1	Inception Report with workplan, methodology, selection criteria and recommendations	Develop and submit a detailed inception report, workplan in close coordination with Balochistan Forest Department (BFD) and outlining key implementation methodology.	June 10, 2021	20
	2	Site selection and land demarcation	Selection of sites/location and land demarcation notification by Balochistan Forest Department and other relevant departments, if needed.	July 15, 2021	20%

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	3	Collection and transportation of seeds/propagules	Collection and transportation of seeds/propagules in the target districts	August 15, 2021	20%
	4	Plantation of seeds/propagules	Plantation of seeds/propagule	September 15,2021	20%
	5	Restocking and post plantation maintenance	Field visit reports & pictures	August 20, 2021	20%
	6	Final Report	Submission of final report	October 30, 2021	
	Total		100 %		
Person to Supervise the Work/Performance of the Service Provider	<i>The programmatic oversight of the intervention will be conducted by the relevant government partners, as well as UNDP management team.</i>				
Frequency of Reporting	[As per deliverables mentioned in the Detailed TORs]				
Progress Reporting Requirements	The firm / company shall submit proper Reports of progress and may be asked for presentation on their progress.				
Location of work	<input checked="" type="checkbox"/> Islamabad				
Expected duration of work	The entire assignment must be completed within months (5) months after issuance of purchase order/signing of contract. UNDP will not provide office space for this assignment.				
Target start date	15 th May 2021				
Latest completion date	31 st Oct 2021				
Travels Expected	Required				
Special Security Requirements	Note: UNDP will not be liable to provide the security to the selected firm and it is the responsibility of the selected firm to arrange the security of its employees.				
Facilities to be Provided by UNDP (i.e., must be excluded from Price Proposal)	<input checked="" type="checkbox"/> All project related costs will be borne by the Contracting firm.				
Implementation Schedule	<input checked="" type="checkbox"/> Required				

indicating breakdown and timing of activities/sub-activities															
Names and curriculum vitae of individuals who will be involved in completing the services	<input checked="" type="checkbox"/> Required														
Currency of Proposal	<input checked="" type="checkbox"/> Local Currency [PAK RUPEES]														
Value Added Tax on Price Proposal ²	<input checked="" type="checkbox"/> must be inclusive of VAT and other applicable indirect taxes (the invoice submitted should indicate the price and tax portion separately). Further, United Nations, including its subsidiary organs, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs duties and charges of a similar nature in respect of articles imported or exported for its official use. In the event any governmental authority refuses to recognize the United Nations exemption from such taxes, duties or charges, the Contractor shall immediately consult with the UNDP to determine a mutually acceptable procedure.														
Validity Period of Proposals (Counting for the last day of submission of quotes)	<input checked="" type="checkbox"/> 90 days In exceptional circumstances, UNDP may request the Proposer to extend the validity of the Proposal beyond what has been initially indicated in this RFP. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Proposal.														
Partial Quotes	<input checked="" type="checkbox"/> Not permitted														
Payment Terms	<table border="1"> <thead> <tr> <th>Sr#</th> <th>Deliverables</th> <th>Action Required</th> <th>Estimated Timelines</th> <th>% Payment</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>					Sr#	Deliverables	Action Required	Estimated Timelines	% Payment					
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² VAT exemption status varies from one country to another. Pls. check whatever is applicable to the UNDP CO/BU requiring the service.

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	6	Final Report	Submission of final report	October 30, 2021	
	Total		100 %		
	Person(s) to review/inspect/ approve outputs/comple ted services and authorize the disbursement of payment	<i>The programmatic oversight of the intervention will be conducted by the relevant government partners, as well as UNDP management team.</i>			
Type of Contract to be Signed	<input checked="" type="checkbox"/> Purchase Order <input checked="" type="checkbox"/> Contract for Institutional Services				
Criteria for Contract Award	<input checked="" type="checkbox"/> Highest Combined Score (based on the 70% technical offer and 30% price weight distribution) Where the minimum passing score of technical proposal is 70%. <input checked="" type="checkbox"/> Full acceptance of the UNDP Contract General Terms and Conditions (GTC).				

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	This is a mandatory criterion and cannot be deleted regardless of the nature of services required. Non-acceptance of the GTC may be grounds for the rejection of the Proposal.																																				
Criteria for the Assessment of Proposal	<p><u>Technical Proposal (70%)</u></p> <p><input checked="" type="checkbox"/> Expertise of the Firm 30% with 210 Marks out of 700</p> <p><input checked="" type="checkbox"/> Methodology, Its Appropriateness to the Condition and Timeliness of the Implementation Plan 45% with 315 marks out of 700</p> <p><input checked="" type="checkbox"/> Management Structure and Qualification of Key Personnel 25% with 175 marks out of 700</p> <p><u>Financial Proposal (30%)</u></p> <p>To be computed as a ratio of the Proposal's offer to the lowest price among the proposals received by UNDP. (<i>Financial Score= (Lowest Offer/Offer to be evaluated*300)</i>)</p> <table border="1"> <thead> <tr> <th>Summary</th><th>Weight</th><th>Points Obtainable</th></tr> </thead> <tbody> <tr> <td>Expertise of firm/organization/institute</td><td>30%</td><td>210</td></tr> <tr> <td>Proposed methodology, approach and implementation plan</td><td>45%</td><td>315</td></tr> <tr> <td>Management Structure and Key Personnel</td><td>25%</td><td>175</td></tr> <tr> <td>Total 70% weightage</td><td>100</td><td>700</td></tr> <tr> <td>Financial Proposal-30% weightage</td><td></td><td>300</td></tr> <tr> <td>Total</td><td></td><td>1,000</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Form 1 Technical Proposal Evaluation</th><th>Points obtainable</th></tr> </thead> <tbody> <tr> <td colspan="3">Expertise of the Firm/Organization</td></tr> <tr> <td>1.1</td><td>Reputation of Organization and Staff / Credibility / Reliability / Industry Standing. Provide three satisfactory performance certificates of relevant assignments/ projects related to mangrove rehabilitation/restoration along with duration of each assignment (each certificate carries 10 marks)</td><td>30</td></tr> <tr> <td>1.2</td><td>Three relevant assignments related to mangrove rehabilitation/restoration (each assignment carries 10 marks) share copies of the contracts.</td><td>30</td></tr> <tr> <td>1.3</td><td>Profile of the organization related to Environmental Protection.</td><td>20</td></tr> </tbody> </table>	Summary	Weight	Points Obtainable	Expertise of firm/organization/institute	30%	210	Proposed methodology, approach and implementation plan	45%	315	Management Structure and Key Personnel	25%	175	Total 70% weightage	100	700	Financial Proposal-30% weightage		300	Total		1,000	Form 1 Technical Proposal Evaluation		Points obtainable	Expertise of the Firm/Organization			1.1	Reputation of Organization and Staff / Credibility / Reliability / Industry Standing. Provide three satisfactory performance certificates of relevant assignments/ projects related to mangrove rehabilitation/restoration along with duration of each assignment (each certificate carries 10 marks)	30	1.2	Three relevant assignments related to mangrove rehabilitation/restoration (each assignment carries 10 marks) share copies of the contracts.	30	1.3	Profile of the organization related to Environmental Protection.	20
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1.4	10 years of professional experience in plantation, afforestation including mangrove rehabilitation/restoration (5 Marks for each year)	50
1.5	Financial Stability: Financial stability (Last two years Audited Account (2018-2019 and 2019-2020) (30 Marks- 15 marks each year)	30
1.6	Extensive practical experience related to coastal areas management, including mangroves restoration, coastal wetlands management and climate change adaptation and mitigation.	50
		210

Form 2		Technical Proposal Evaluation		Points Obtainable
Proposed Methodology, Approach and Implementation Plan				
2.1	Have the important aspects of the task been addressed in sufficient detail and do they correspond to the Terms of References? 1. Proposed Methodology & Approach, including work plan, demonstrating knowledge of mangroves rehabilitation/restoration (200 marks)			200
2.2	Is the proposal well defined, concise and incorporates impact of COVID-19 for task execution i.e. what alternative means of implementation in case of lockdown or adherence to strict SOPs proposed?			65
2.3	Are the proposal well identified the involvement of the stakeholders and community members for planning, execution and ?			50
				315

Technical Proposal Evaluation			Points Obtainable
Form 3			
Management Structure and Key Personnel			
3.1	Team Leader		70

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		Minimum of master's degree in relevant field, MSc. Degree in Marine Ecology, Coastal Ecosystem Management, Environmental Science, Forestry, or in any disciplines relevant to mangrove/coastal ecosystem restoration, coastal adaptation.	30	
		Suitability for the Project		
		- Past experience working on similar projects: 15 years of experience working in coastal areas (10 marks) Or less 10-12 years of experience in coastal areas (8 Marks)	10	
		- Professional Experience in the area of specialization	10	
		- Knowledge of the region	5	
		- Language Qualifications	5	
		Competency. 1. An individual with a good level of technical expertise and specialist Pakistani/regional experience; 2. Working knowledge of government process & procedures 3. Excellent knowledge and understanding of roles & responsibilities of provincial/regional governments in delivering the project; 4. Excellent coordination skills with different governments and development agencies etc. 5. High level of management, and coordination skills	10	
			70	
	3.2	Project Support Officer		70
		General Qualification Bachelor's Degree Holder / Forestry, (25 marks) or in any disciplines relevant to mangrove/coastal ecosystem restoration/Environmental Sciences, Ecosystem Management, Agriculture or any related field (20)	25	
		- Suitability for the Project		
		- 5 years' experience in developing and implementing similar projects	15	
		Education sector experience	10	
		- Professional Experience in the area of specialization	10	
		- Knowledge of the subject	5	
		- Language Qualifications	5	
			70	

UNDP will award the contract to:	<input checked="" type="checkbox"/> One and only one Service Provider
Annexes to this RFP	<input checked="" type="checkbox"/> Description of requirements (Annex 1) <input checked="" type="checkbox"/> Form for Submission of Proposal (Annex 2) <input checked="" type="checkbox"/> Form for Submission of Financial Proposal (Annex 3) <input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions (Annex 4) <input checked="" type="checkbox"/> Detailed TOR [Annex-5]
Contact Person for Inquiries (Written inquiries only)	<p><i>pakistan.procurement.info@undp.org</i></p> <p>Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.</p>
Minimum Eligibility Criteria	<ol style="list-style-type: none"> 1. Technical and financial proposals should be submitted in separate PDF files and financial proposal is password protected. 2. Firm is legally registered entity. Firm's valid registration with Income Tax/Sales Tax Department. (Sole proprietors are not eligible to apply). 1. Profile of the company/firm along with details of employee, CVs of key professionals and available facilities/expertise. At least 10 years of professional level experience to the stated role and responsibilities including mangrove rehabilitation/restoration, watershed management, forestry, coastal ecosystem conservation, natural resources management preferably within the UN or international Organization. 3. An affidavit on stamp paper that the company/firm has never been blacklisted by any institution / department / agency and that it has not been involved in litigation with any of its clients. 4. Copy of Certificate of Registration of the Business, including Articles of Incorporation, or equivalent document if Proposer is not a corporation/ or SECP Registration 5. Submit all other documents as requested in the evaluation criteria Form 1,2, and 3.

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Deadline for Submission	<p>3rd May 2021 (12:30 PM Pakistan standard Time or 3:30 AM EDT)</p> <p>Please note:</p> <ol style="list-style-type: none"> 1. Date and time visible on the main screen of event (on e-tendering portal) will be final and prevail over any other closing time indicated elsewhere, in case they are different. Please also note that the bid closing time shown in the PDF file generated by the system is not accurate due to a technical glitch that we will resolve soon. The correct bid closing time is as indicated in the e-tendering portal and system will not accept any bid after that time. It is the responsibility of the bidder to make sure bids are submitted within this deadline. UNDP will not accept any bid that is not submitted directly in the system. 2. Try to submit your bid a day prior or well before the closing time. Do not wait until last minute. If you face any issue in submitting your bid at the last minute, UNDP may not be able to assist.
Electronic submission (eTendering) requirements	<ul style="list-style-type: none"> • Technical and financial proposals should be submitted in separate PDF files • File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard. • All files must be free of viruses and not corrupted. • Password for financial proposal must not be provided to UNDP until requested by UNDP (see notes below) <p>Important Notes for financial proposal:</p> <ul style="list-style-type: none"> • The proposer is required to prepare and submit the financial proposal in a password protected PDF file separate from the rest of the proposal submission as indicated in the instructions to proposers. • Password for financial proposal must not be provided to UNDP until it is formally requested by UNDP focal point indicated below: seemab.rashid@undp.org • While entering financial proposal in the e-tendering system, always mention your bid price as PKR 1. Please do not mention the value of your financial proposal in the e-tendering system. It should only be mentioned in the password protected file/ attachment of financial proposal. The proposals of those organizations who would reveal their financial proposal value in the e-tendering system will be considered as disqualified.
Pre-proposal conference	N/A

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Annex 2

FORM FOR SUBMITTING SERVICE PROVIDER'S PROPOSAL

(This Form must be submitted only using the Service Provider's Official Letterhead/Stationery)

[insert: Location].

[insert: Date]

To: [insert: Name and Address of UNDP focal point]

Dear Sir/Madam:

We, the undersigned, hereby offer to render the following services to UNDP in conformity with the requirements defined in the RFP dated *[specify date]* , and all of its attachments, as well as the provisions of the UNDP General Contract Terms and Conditions :

A. Qualifications of the Service Provider

The Service Provider must describe and explain how and why they are the best entity that can deliver the requirements of UNDP by indicating the following :

- a) Profile – describing the nature of business, field of expertise, licenses, certifications, accreditations;
- b) Business Licenses – Registration Papers, Tax Payment Certification, etc.
- c) Latest Audited Financial Statement – income statement and balance sheet to indicate Its financial stability, liquidity, credit standing, and market reputation, etc. ;
- d) Track Record – list of clients for similar services as those required by UNDP, indicating description of contract scope, contract duration, contract value, contact references;
- e) Certificates and Accreditation – including Quality Certificates, Patent Registrations, Environmental Sustainability Certificates, etc.
- f) Written Self-Declaration that the company is not in the UN Security Council 1267/1989 List, UN Procurement Division List or Other UN Ineligibility List.
- g) Include all the documents mentioned in the **Minimum Eligibility Criteria** mentioned in Annex 1.

B. Proposed Methodology for the Completion of Services

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The Service Provider must describe how it will address/deliver the demands of the RFP; providing a detailed description of the essential performance characteristics, reporting conditions and quality assurance mechanisms that will be put in place, while demonstrating that the proposed methodology will be appropriate to the local conditions and context of the work.

C. Qualifications of Key Personnel

If required by the RFP, the Service Provider must provide:

- a) Names and qualifications of the key personnel that will perform the services indicating who is Team Leader, who are supporting, etc.;
- b) CVs demonstrating qualifications must be submitted if required by the RFP; and
- c) Written confirmation from each personnel that they are available for the entire duration of the contract.

*[Name and Signature of the Service Provider's
Authorized Person]*

[Designation]

[Date]

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Annex 3

FORM FOR SUBMITTING SERVICE PROVIDER'S FINANCIAL PROPOSAL

(This Form must be submitted only using the Service Provider's Official Letterhead/Stationery)

Mangroves Plantation 100 Hectare (District Gwadar)						
	Description	Unit Type	Unit Price	Quantity	Total Price in PKR	Remarks
Human Resource						
1	Project Coordinator	Month		5		one project coordinator for 5 months due to the scale and scope of the intervention limited to only one district i.e. Gwadar.
2	Field Officer	Month		5		
Pre-Plantation Cost						
3	Consultation meeting with Key stakeholders	Meeting		5		5-8 participants per meeting and it also involves mobility cost
4	Site selection and land demarcation	Field Visit		5		District Field Staff proposed to visit within district. Mainly mobility and other field level expenses
5	Collection and Transportation of seeds/propagules for 100 Hectares	Seed		300,000		This cost includes collection and transportation both
7	Plantation of seeds/propagules	seed		300,000		seeds will be used for nursery raising and then propagules will be planted in the selected site.
Post Plantation/maintenance Cost						
7	Restocking and maintenance					
8	Nursery Raising for restocking (20% of the total seeds)	Seeds		15000		Failure of plants @20% of total Caseload- 20% of total seeds planted which is common in plantation practices
9	Staff @ 2 per area for maintenance and protection	Months		10		Post plantation care that will be carried out by involving communities as protectors

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10	Monitoring cost	Months		5		It will be done by the Organization that we will engage and the District Forest Department.
11	Operation cost@5%	Months		5		Vehicle, Fuel and communication
	Grand Total					

*[Name and Signature of the Service Provider's
Authorized Person]
[Designation]
[Date]*

Note:

- a) Please mention the currency of your proposal. Local vendors are paid in PKR hence their proposal should be in PKR.**
- b) Note: The Price of proposal should be inclusive of all applicable tax, UNDP will not provide any exemption to the bidder.**

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Annex 4

General Terms and Conditions for Services
Separately attached

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ANNEX V**Terms of Reference (TORs) / Description of Requirements**

Context of the Requirement	Firm/organization for mangrove plantation & restoration on 100 hectares in the coastal of District Gwadar in Balochistan.
Duty Station / Place of work	District Gwadar
Project	Strengthening Tsunami and Earthquake Preparedness Project in coastal Areas of Pakistan
Engagement Modality	Professional services
Period of assignment/services	<p>The entire assignment must be completed within a maximum of five (05) months after issuance of purchase order/signing of contract.</p> <ol style="list-style-type: none"> 1. Five (05) months effective from the date of signing of contract. 2. UNDP will not provide office space, laptops, or equipment for this assignment to the selected consulting firm/organization.
Due Date	25 th May,2021
Justification and Background	<p>Over the past 20 years, UNDP has been extending support to the Government of Pakistan in shifting its focus from relief to the resilience approach, which seeks to reduce risks, mitigate disaster impact and undertake disaster preparedness. UNDP has also been supporting national, subnational and district governments in developing institutional capacity for systematic disaster risk management.</p> <p>UNDP in Pakistan has played a crucial role in promoting knowledge on earthquake and tsunami risk reduction for more than two decades. UNDP is implementing a project titled "Strengthening tsunami and earthquake preparedness in coastal areas of Pakistan", with financial assistance from the Government of Japan. UNDP is closely working with NDMA, Sindh and Balochistan PDMAs, PMD and other stakeholders for policy discourse on the existing capacity and institutional arrangements of different agencies involved in disaster risk preparedness and response in the coastal areas.</p> <p>Tsunami is considered as rapid onset hazard that provides very little time if its generated by nearby source and leaves devastating inland impacts. On the 1000 km coastline of Pakistan, number of maritime agencies exist for defence purposes and play active role in relief operation in case any natural disaster hits coastal belt. Therefore, mangrove</p>

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	<p>plantation & restoration helps stabilizes the coastline and prevents erosion from waves and storms that will create resilience model for replication on entire coast.</p> <p>Under the project, UNDP intends to engage an organization/firm for the establishment of mangrove plantations & rehabilitation of 100 hectares to strengthen bio shields for coastal hazards. .</p> <p>The expected organization/firm is required to involve all potential stakeholders forest, wildlife departments, district administration, conservation organizations and local communities for successful implementation of the project. These stakeholders shall participate in every stage (design, execution and monitoring of the activities) of project implementation on establishment of mangrove plantations.</p>													
List and Description of Expected Outputs to be Delivered	<p>Expected Outputs / Deliverables, timeframe for the work</p> <p>The firm is expected to initiate the process for plantation of mangroves on 100 hectares in the existing mangrove habitat along the coastal areas of project district. The firm is expected to undertake the following key activities for subject activity:</p> <ol style="list-style-type: none"> 6. Conduct a feasibility and assessment study jointly with Forest Balochistan Department (BFD) for selection of a suitable site for establishing mangrove plantations. The assessment study is expected to be based on the environment and ecology, geomorphology and other landform characteristics, salinity, the source of fresh water and drainage system and details of local communities. 7. The key recommendations shall be based on the standard sitting criteria, developed prior to the assessment and findings. 8. The use of advance tools i.e., remote sensing and satellite imagery should be in the methodology is highly recommended and desirable. 9. Following the selection and finalization of the sites, the organization/ firm will be responsible to liaise with the relevant government departments, organizations, and local communities to undertake the establishment of mangrove plantations which includes seed collection, nursery raising, planting, and tending. 10. The organization/firm will also be required to provide a strategy for sustainable management of the established sites, preferably with the involvement of local forest department and communities. 													
	<table border="1"> <thead> <tr> <th>Sr#</th><th>Deliverables</th><th>Action Required</th><th>Estimated Timelines</th><th>% Payment</th></tr> </thead> <tbody> <tr> <td>1</td><td>Inception Report with workplan, methodology,</td><td>Develop and submit a detailed inception report, workplan in close</td><td>June 10, 2021</td><td>20</td></tr> </tbody> </table>	Sr#	Deliverables	Action Required	Estimated Timelines	% Payment	1	Inception Report with workplan, methodology,	Develop and submit a detailed inception report, workplan in close	June 10, 2021	20			
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1	Inception Report with workplan, methodology,	Develop and submit a detailed inception report, workplan in close	June 10, 2021	20										

		selection criteria and recommendations	coordination with Balochistan Forest Department (BFD) and outlining key implementation methodology.		
	2	Site selection and land demarcation	Selection of sites/location and land demarcation notification by Balochistan Forest Department and other relevant departments, if needed.	July 15, 2021	20%
	3	Collection and transportation of seeds/propagules	Collection and transportation of seeds/propagules in the target districts	August 15, 2021	20%
	4	Plantation of seeds/propagules	Plantation of seeds/propagule	September 15, 2021	20%
	5	Restocking and post plantation maintenance	Field visit reports & pictures	August 20, 2021	20%
	6	Final Report	Submission of final report	October 30, 2021	
	Total		100 %		
The Contractor will ensure the following deliverables are achieved as part of the contract signed with UNDP Pakistan:					

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