



8 March 2019

Tender No. 2019/FAPAK/FAPAK/101303 - Land Reclamation

(19/86)

INVITATION TO BID (ITB)

CLOSING DATE: 14 March, 2019 – 1630 hrs Pakistan Standard Time

The Food and Agriculture Organization of the United Nations ("FAO" or "Organization") is an intergovernmental organization with more than 194 member countries. Since its inception, FAO has worked to alleviate poverty and hunger by promoting agricultural development, improved nutrition and the pursuit of food security - defined as the access of all people at all times to the food they need for an active and healthy life.

To achieve its goals, FAO cooperates with thousands of partners worldwide, from farmers' groups to traders, from non-governmental organizations to other UN agencies, from development banks to agribusiness firms (further and more detailed information on FAO can be found on the internet site: <http://www.fao.org>).

In preparing your bid, you should take into account the international status and activities of FAO by submitting your best commercial terms. You should also be aware that FAO enjoys certain privileges and immunities which include exemption from payment of Value Added Tax ("VAT" or "IVA"), customs duties and importation restrictions.

FAO intends to award a Contract for services/works, specifically:

"The land reclamation activities are required for South Waziristan, Kurram and Orakzai Agencies of FATA Pakistan"

You are hereby invited to submit your best offer in connection with the award of such works/services.

Your Bid shall be based on all requirements included in this Invitation to Bid including:

Appendix I – TORs and detail of equipment/Machinery

Appendix II – Financial offer

Appendix III – List of Tehsil

Annex IV – FAO General Terms and Conditions for Services

The following procedures have been established by this Organization for the award of this Agreement:

1. Procedures

1.1 You are invited to submit an offer for the above-mentioned works/services. A description of the requested ToRs for works/services is provided in Appendix -I. Please use the attached financial table (Appendix-II) to present your offer.

1.2 In submitting your offer you are supposed to have considered all aspects relevant to the performance of

the proposed contract and to have obtained all necessary information and data as to risks, contingencies and other circumstances which may influence or affect your offer;

- 1.3 It is understood that all documents, calculations, etc. which may form part of your offer will become the property of the Organization, who will not be required to return them to your firm;
- 1.4 The Organization may decide to make a partial award or no award at all should it consider that the results of this tender and/or any other related circumstance so require;
- 1.5 FAO shall have no obligation to purchase any minimum quantities of goods or services from the Contractor, and shall have no limitation on its right to obtain goods or services of the same kind, quality and quantity as described in tender document any other source at any time;
- 1.6 All costs incurred to prepare your bid have to be borne by you; FAO will not be liable to reimburse any or all of such cost;
- 1.7 The Organization reserves the right to publish the details of awards, including supplier name and country, total Contract value and a brief description of the services. In all cases, unsuccessful bidders will be notified;
- 1.8 Registration as a vendor in the UN Global Marketplace (UNGM), www.ungm.org, is a prerequisite for receiving an award from FAO. Please register your firm with UNGM. If your firm is not registered, by submitting an offer, you authorize FAO to register your firm in UNGM on your behalf.
- 1.9. The Organization has adopted a zero tolerance approach to fraud, and it prohibits firms from engaging in corrupt, fraudulent, collusive, coercive, unethical and obstructive practices when participating in procurement activities. As provided by the Vendor Sanctions Procedures ([http://www.fao.org/fileadmin/user_upload/procurement/docs/FAO_Vendors_Sanctions_Policy - Procedures.pdf](http://www.fao.org/fileadmin/user_upload/procurement/docs/FAO_Vendors_Sanctions_Policy_-_Procedures.pdf)), if the Organization determines that a firm has engaged in such conduct, it will impose sanctions and may share information on sanctioned firms with other Intergovernmental or UN Organizations;
- 1.10 A firm and its affiliates, agents and subcontractors should not be suspended, debarred, or otherwise identified as ineligible by any Intergovernmental or UN Organization, including any organization within the World Bank Group or any multi-lateral development bank, or by the institutions and bodies of economic integration organizations (e.g., the European Union). You are therefore required to disclose to the Organization whether your firm, or any of your affiliates, agents or subcontractors, is subject to any sanction or temporary suspension imposed by any such organization or National Authority at any time during the three years prior to the contract or at any time throughout the execution of the contract. You acknowledge that a breach of this provision will entitle FAO to terminate its contract with your firm, without any liability for termination charges or any other liability of any kind of FAO, and that material misrepresentations on your status constitute a fraudulent practice;
- 1.11 Bidders must certify that their firm is not associated, directly or indirectly, with entities or individuals (i) that are associated with terrorism, as in the list maintained by the Security Council Committee established pursuant to its Resolutions 1267 (1999) and 1989 (2011), or (ii) that are the subject of sanctions or other enforcement measures promulgated by the United Nations Security Council. Selected bidders also agree to undertake all reasonable efforts to ensure that none of the funds

received from FAO under the awarded contract are used to provide support to individuals or entities associated with terrorism or that are the subject of Security Council sanctions. This provision must be included in any subcontracts, sub-agreements or assignments entered into under the awarded contract. The Bidder acknowledges and agrees that this provision is an essential term of the awarded contract and any breach of these obligations and warranties shall entitle FAO to terminate the Contract immediately upon notice to the Contractor, without any liability for termination charges or any liability of any kind of FAO;

- 1.12 Bidders must certify that their company and/or subcontractors are not associated, directly or indirectly, with the consultant or any other entity who prepared the terms of reference or other bidding documents for this tender;
- 1.13 Please note that Bidders who use an independent consultant to assist in the preparation of offers may risk engaging in unacceptable practices if the same consultant assists another Bidder to prepare an offer for the same tender. Bidders are reminded that they are fully responsible for the conduct of any consultant who may be used to prepare offers for FAO tenders and they should take all measures to ensure that any independent consultant engaged to assist in the preparation of an offer for an FAO tender has not and will not be involved in the preparation of an offer for another Bidder for the same tender process.

Bidders are kindly requested to disclose to the best of their knowledge whether their company has any personal or professional relationships with FAO. The disclosure shall include all relevant details and should include, but not be limited to:

- ANY current or past employment relationship with FAO of your company's representatives and employees;
- ANY current or past relationship with any FAO staff member (family members, spouses, etc.) of your company's representatives and employees.

- 1.14 Fairness and transparency are fundamental principles for FAO procurement activities. Firms that believe that the procurement process was not fair and transparent may request feedback from the office that issued the tender. If a satisfactory response is not received, a firm may present a protest following the bid protest procedures detailed in the following link: <http://www.fao.org/unfao/procurement/codeconduitethique/protests/en/>. To report allegations of fraud or misconduct in the procurement process, bidders may submit information, also anonymously, to the Office of the Inspector General Hotline: <http://www.fao.org/aud/69204/en/>.

2. Documents Enclosed

The following documents are enclosed:

- 2.1 The "Bid Summary" form, to be used for submitting your offer;

3. Documents to be Submitted

Your offer should consist of the following clearly identified items:

- 3.1 The duly completed "Bid Summary" mentioned in paragraph 2.1 above;

3.2 Documents Demonstrating Compliance with the Mandatory Requirements

Bidders are required to fulfil the following mandatory requirements. **Failure to provide required information/documents will result in the disqualification of the bidder from the tender evaluation process.**

- i. The agriculture service provider must be registered with PSC (Pakistan Engineering Council) and or with Government or legal entity and must provide evidence of valid Registration Certificate;
- ii. The Agriculture Service Provider must provide the required machinery list as per Annex-I section 7 sub-section 7.1.
- iii. The Agriculture Service Provider must provide reference of at least 3 organizations to whom they have provided such kind of services in land reclamation/ rehabilitation and development;
- iv. Suppliers should present 3 number of contracts for works of a similar nature valued USD 100 000 or a higher value executed by the Agriculture Service Provider during the last five (5) years.

4. Evaluation

Evaluation and Award Procedure:

The award will be on the basis of:

- Compliance with the technical specifications;
- Compliance with the commercial requirements;
- Acceptance of FAO General Terms and Conditions;
- Price;
- Documents with Mandatory requirements as per 3.2 above.

The Bids received will be evaluated against the mandatory requirements. Pass/Fail methodology will be used to evaluate each one of the mandatory requirements. Failure to comply with any of the mandatory requirements will result in disqualification of the bid. FAO further reserves the right to consider, and disqualify firms based on, documented prior poor performance, including but not limited to poor quality of goods or services provided, late delivery and unsatisfactory performance. The contract will be awarded to the most competitive offer that complies with the technical specifications as laid out by the mandatory requirements.

5. Completeness of Bid

Bids will only be considered if they contain all of the above information and documents and observe the provisions of the enclosed sample contract as otherwise it will not be possible to evaluate them on an equal basis. Since this Organization is not allowed to sign contracts which do not specify its maximum financial liability, proposals which do not allow us to calculate such liability may be rejected.

6. Participation by the Organization

You should examine carefully the nature and extent of the participation in the contract performance by the Organization as set out in Annex II of the enclosed contract since such contract assumes that all other requirements for its successful completion are provided at the cost of the Contractor. **You should therefore state in the appropriate space provided in the "Bid Summary" (Part II) any additions or modifications of the said Annex II which you suggest for a satisfactory performance of the contract.**

7. **Privileges and Immunities**

This Organization enjoys certain privileges and immunities which include exemption from payment of "IVA" (VAT), customs duties and importation restrictions.

8. **Currency of Bid and of Contract**

Your proposal should be expressed in Pak Rupees currency.

9. **Form of submission and closing date**

9.1 **Submission of your bid: Your bid must be submitted on or before the closing date and time as follows:**

The registration with UNGM (<https://www.ungm.org/Vendor/Registration>) is a mandatory requirement in order to participate in this tender. Please visit www.ungm.org for more information on how to register your company in UNGM.

Detailed instructions on how to access FAO tender documents and submit your bid through UNGM are attached herewith and can be downloaded from your UNGM Tender Management page by clicking on the "View Synopsis" button under the "Tender" tab.

If you encounter any difficulties using the UNGM system navigation and functionality please contact support@in-tend.com, referencing the exact FAO ITB number.

a. Uploading your bid on UNGM

Please login to the UNGM website and upload all the requested documents into the designated Placeholders (i.e. Technical, Commercial) within the indicated deadline.

It is the exclusive responsibility of the bidders to ensure that the files are uploaded before the tender deadline. Offers received after the deadline will be considered invalid.

Please follow the instructions below to upload the electronic files to the UNGM e-tendering system:

- i. **Log-in to the UNGM website** using your e-mail and password;
- ii. Click on **Tender Notices** (from the list on the left-hand side of the screen);
- iii. Click on **"Show more criteria"** and type **"FAO"** in the UN Organization field located in the upper right hand corner;
- iv. Click on **EXPRESS INTEREST / VIEW DOCUMENTS** (green button on the left of the specific tender notice you are interested in);
- v. Click on the **Invitation to bid/ Request for Proposal tab** of the tender notice and scroll down to view and download the tender documents;
- vi. **Click on the "OPT IN" button;**
- vii. To upload all the files to the designated **envelope**, click on the relevant **"UPLOAD DOCUMENT"** red button under **"MY TENDER RETURN"**;
- viii. If included, please complete the mandatory tender **Questionnaire(s)**.
- ix. Click on the red button: **Submit Return**

NOTE: It is highly recommended that the size of the files does not exceed 5MB.

IMPORTANT: Once all files are uploaded (and the requested Questionnaire(s) completed), please remember to click on the red button “SUBMIT MY RETURN” to submit your offer. If the submission is properly completed, you will be able to view and download a receipt under the “HISTORY” tab.

No Bid Notice

In the event that your company is not interested in participating to this tender, the Organization would appreciate your feedback. In this case, you are kindly requested to click on the “OPT OUT” button displayed on your UNGM Tender Management page and indicate one or more of the following reason(s) for non-participation:

- *Requirements are outside our normal activities;*
- *Insufficient time was provided to prepare a bid;*
- *Present lack of resources to undertake more work;*
- *Other (please specify briefly).*

SUBMISSIONS BY E-MAIL OR FAX ARE NOT ALLOWED.

b. COMMUNICATING WITH FAO AND REQUESTING CLARIFICATIONS

All communications concerning this tender should mention the tender number (**TENDER No. 2019/FAPAK/FAPAK/101303**) and should be submitted as soon as possible through the UNGM portal under the “CORRESPONDENCE” tab.

Bidders are responsible for appropriately examining this tender. If the Bidder finds discrepancies in or omissions from the documents, or if their intent or meaning appear unclear or ambiguous, or if any other questions arise, the Bidder shall submit any request for clarification through the aforementioned “CORRESPONDENCE” tab.

In submitting a request for clarification, please do not, under any circumstances, submit a copy of your offer or reveal any information about your intended quotation. This will invalidate your offer.

The deadline for submitting your requests for clarification is six (6) days before the tender closing date.

c. FAO’s REPLIES TO BIDDERS’ REQUESTS FOR CLARIFICATION

Responses to clarification enquiries will be simultaneously issued by FAO to all bidders through the UNGM.

The system will send automatic e-mail notifications to all bidders every time a clarification, or any other communication related to the tender notice, is sent out by FAO.

All FAO’s responses to bidders’ questions will be uploaded under the “CLARIFICATIONS” tab of your Tender Management page and made available to all bidders. Please ensure to read all the clarifications as they become part of the technical specifications.

d. MODIFICATION OR WITHDRAWAL OF YOUR OFFER

Bidders may, without prejudice, modify or withdraw their offer before the deadline using the “MODIFY RETURN” function. No offer can be modified after the tender submission deadline

Vendors must disclose to FAO, at the time of submitting an offer, whether their company is subject to any sanction or temporary suspension imposed by any organization within the World Bank Group or any other multi-lateral development Bank or by any United Nations agency or National Authority or economic integration organization.

1. FAO supports and promotes the UN Global Compact -- "a strategic policy initiative for businesses that are committed to aligning their operations and strategies with ten universally accepted principles in the areas of human rights, labour, environment and anti-corruption". FAO encourages all of its suppliers to confirm their adherence to the principles of the Global Compact (<http://www.unglobalcompact.org/AboutTheGC/TheTenPrinciples/index.html>) through registration with United Nations Global Marketplace at <https://www.ungm.org/>. All Vendors must agree to abide by the UN Supplier Code of Conduct located at http://www.un.org/depts/ptd/pdf/conduct_english.pdf.
2. Bids must clearly indicate the tender number, have numbered pages and include the stamp and name of the bidder on all pages in order to facilitate verification of the completeness of the offer.
13. Submission Instructions

The proposal should be submitted in two (2) separate parts (two different emails) consisting respectively of Part A) Technical Proposal and Part B) Financial Proposal which should be prepared as follows:

13.1 Technical Proposal (PART A):

The Technical proposal prepared in line with the information provided in Annex I-Technical Specification to this Letter of Invitation

13.2 Financial Proposal (PART B):

In line with the information requested in Annex-II - Financial Offer.

May I take this opportunity of expressing my appreciation for your interest in assisting this Organization in the implementation of its activities.

Yours sincerely,



Procurement Officer

TENDER No. 2019/FAPAK/FAPAK/1010XX-Land Reclamation Services

BID SUMMARY

Instructions: Please complete the spaces left blank below. Prices should be quoted in Pakistan Rupees

PART I: Commencement of Contract Performance

/ / I undertake to commence the performance of the contract immediately upon receipt of the contract/PO duly signed by both Parties.

PART II: Participation by the Organization in the contract performance (see Annex II of the Contract) (FAO will decided whether to issue a PO or sign a contract with selected bidders)

Either:

/ / I certify that the inputs to be provided by the Organization, as set out in Annex II of the sample Contract, are adequate and sufficient for a satisfactory contract performance;
or

/ / For a satisfactory contract performance, the following would have to be provided:

PART III: Costs offered

/ / Find attached Annex II to the Letter of Invitation showing the costs related to the services required.

PART IV: Completeness of Bid

/ / I confirm having obtained all relevant data and information as regards risk, contingencies, and any other circumstances which may influence or affect the performance of the contract, which have been duly taken into account in the formulation of this bid.

PART V: Certification of Proper Procedures

/ / I certify that my firm/organization (including all members of a consortium, if applicable) and its subcontractors are not associated, directly or indirectly, with the consultant or any other entity who prepared the terms of reference or other bidding documents for the project.

/ / I acknowledge that my firm is responsible for any consultant, including independent consultants, who assists in the preparation of offers and confirm that my firm has taken

all measures to ensure that any independent consultant engaged to assist in preparing this offer has not and will not be involved in the preparation of another bid for another bidder for the same tender process.

PART VI: Conflict of Interest Disclosure

Either:

/ / To the best of my knowledge, I confirm that none of my firm's representatives or employees have a current or former employment relationship with FAO, and none of my firm's representatives or employees has a current or past relationship with an FAO staff member (family members, spouses, etc.).

or

/ / I have provided below details regarding the following representatives or employees of my firm who have a current or former employment relationship with FAO and/or who have a current or past relationship with an FAO staff member:

PART VII: Contract Provisions:

/ / I confirm that the terms and conditions of the contract/s as enclosed with the letter of invitation are acceptable except for the reservations explicitly set out in this offer.

/ / I certify that my firm has not and will not engage in corrupt, fraudulent, collusive, coercive, unethical or obstructive practices during the selection process and throughout the negotiation and execution of the contract.

/ / I confirm that my firm, including any affiliates, agents or subcontractors, is not subject to any sanction or temporary suspension imposed by an Intergovernmental or UN Organization, including any organization within the World Bank Group or any multi-lateral development bank, or by an institution or body of an economic integration organization (e.g., the European Union). If my firm, or any affiliates, agents or subcontractors, has been subject to any temporary suspension or sanction by any such organization or National Authority within the preceding three years, I have provided further information below:

// I certify that my firm is not associated with any individual or entity appearing on the 1267/1989 list of the UN Security Council or with any individual or entity subject to any other sanctions or enforcement measures promulgated by the UN Security Council.

PART VIII: Validity of Bid:

This offer is valid for acceptance for a period of TWELVE (12) MONTHS as from the deadline for the submission of the offer indicated in the letter of invitation.

Name of Firm: _____

Mailing Address: _____

Fax: _____

Tel: _____

Email: _____

Person(s) to contact: _____

Signature: _____

Date: _____

Name & Title: _____

Company seal: _____

Appendix-I - TERMS OF REFERENCE MODALITY LAND RECLAMATION UNDER CERF PROJECT (OSRO/PAK/803/CHA)

1. BACKGROUND

Due to series of military cleanup operation and armed clashes almost half of FATA's population (approx. 550,000 families) had been displaced to seek shelter in other parts of the country. In line with The FATA.

Food Security Cluster had identified its time- critical and life-saving needs for 2018 broadly under two categories 1) Unconditional and conditional Food Assistance to TDPs and Returnees. The conflict has caused massive damage to the already weak agriculture sector resulting in huge losses to the agriculture lands, crops, irrigation structures, livestock population and animal shelters, soil and water conservation facilities, water harvesting structures, fish ponds and hatcheries, commodity processing facilities and forest and range areas. The Food Security Sector is prioritized in CERF keeping in view the findings of vulnerability assessments. Moreover, the Mid-year monitoring of 2017 HSP projects demonstrate a need to target farm and non-farm livelihoods. Recovery of livelihoods is one of the most critical and time sensitive needs in FATA, and is necessary to sustain the return process. The proposed action for the CERF funding will target most vulnerable returnees in three agencies of FATA namely Orakzai, Kurram and South Waziristan

The productive assets for agriculture production such as cultivated, agroforestry range lands and pastures have been degraded due to the long-term displacement of the population, volatile security situation and lack of agriculture production activities. The land previously cultivated is unfit for cultivation due to the vigorous growth of invasive weed species, unwanted bushes besides land degradation due to destruction of land terraces, damages to irrigation channels, accumulation of debris and soil compaction. To enable the TDPs farmers for the resumption of agriculture crop production activities, improving and diversify farm production, land reclamation /rehabilitation is one of the most pressing needs of the TDPs farmers. FAO in collaboration with FATA Green Sectors will provide support to the TDPs farmers for land reclamation/rehabilitation in the targeted villages of South Waziristan districts of KP. This would encompass the machinery support through local selected Agriculture Service Providers s (ASPs) for activities detailed below but not limited to;

- Provision of rented machinery as required by FAO for land reclamation operations Facilitation of third party for verification of required machinery for

¹ In-depth food security and livelihood survey of FATA returnees, 2017

third party verification at warehouse and project sites using FAO standard check lists (Annex 7).

- Land reclamation/rehabilitation consisting of;
 - Deep plowing (not less than 1.5- 2 feet) and ripping using chisel or mould board plough and other appropriate machinery for effective reclamation/rehabilitation of the degraded agriculture lands;
 - Using common plow with planker and tractor drawn front blades for leveling of lands and making it ready for crops cultivation;

2. Outputs

The Service Provider(s) will produce, achieve or deliver the following outputs;

Output: A total of 1215 Hectares (3000 acres) owned by 3000 returnee families (1 acre/HH) of degraded agriculture land reclaimed and made fit for crops cultivation with 1000 acres in Kurram, 1000 in Orakzai and 1000 in Orakzai.

3. Outcomes(s)

The service provider(s) will achieve the following outcomes of land reclamation;

A total of 1215 Hectares (3000 acres) owned by 3000 returnee households (1 Acre /HH) reclaimed/rehabilitated as per the standards of FAO land reclamation modality in district of South Waziristan (1000 acres) Kurram (1000 acres) and Orakzai (1000 acres).

Agency wise allocation of land reclamation/rehabilitation

S.No	Name of agency	Target of land development
1	South Waziristan District	1000
2	Kurram	1000
3	Orkazai	1000
Total		3000

4. Description of Services/activities

The Service Provider will undertake the following activities:

- i. Facilitate the third party for verification of machinery at warehouse and target sites as per the FAO standard check lists;
- ii. Depute the machinery as per specifications in the provided list of villages and beneficiaries;
- iii. The Service Provider will have to ensure the timely undertaking of the field work as per the specifics of each site.

- iv. The service Provider has to produce record of the hours spent and number of acres rehabilitated/ reclaimed in line with the , modality ,time frame and workplan;
- v. The service provider has to present the record of the reclaimed land for each 30-50 acres immediately after completion for measurement and verifications before processing the payment.
- vi. The Service Provider has to certify that each of the beneficiary is fully satisfied from the service rendered through a written "work completion form" duly signed by; the FAO Project officer and beneficiary.
- vii. The rehabilitation will include the following operations: Removal of debris, Ripping/deep ploughing(1.5-2 feet depth), leveling using front blade of tractors shallow plowing using common cultivator (minimum 1 feet).
- viii. Given the nature of the intervention an average cost per hour, hours per acre and cost per acre will be given by the ASP.
- ix. Provision of an adequate number of fully functional and well maintained machinery/equipment, as per contract specifications.
- x. The Service Provider will be fully and solely responsible for the maintenance and repairing of the equipment/machinery during the execution of the work/contract.
- xi. The Service Provider will be fully responsible for damages caused by his workforce/vehicles/equipment during the implemenetation of the rehabilitation/land reclamation.
- xii. Share information when and where required by FAO field staff on activities/operations.
- xiii. FAO technical team /surveyers will be measuring the rehabilitated/reclaimed land and payment will be made on productivity basis i.e. Acres/Kanals/ reclaimed. In case of shortfall in the reclaimed land, the ASP (Agriculture Service Providers) will be bound to complete the required land reclamation as per the targets.
- xiv. Provide "work completion forms" duly filled to FAO staff timely. No provision of this information or no satisfaction of the beneficiaries/FAO staff will lead to no payment for the service.
- xv. Moving machinery from one site to another sites at his (ASP) own cost.

Time frame land reclamation (South Waziristan)		
S.No	Activity	Delivery Time from date of signing of Contract
1	Inspection of machinery by Independent Company facilitated by FAO agronomist	3 days
2	Mobilization of machinery to the specific sites in each FATA agency	5 Days
3	Confirmation of specified machinery on sites by FAO Project Officer in each agency	1 day
4	Reclamation and rehabilitation work on the lands	30 days
5	Completion report submission by Project Manager	3 days
Total		42 days

5. Monitoring Mechanisms and Reporting Requirements

- i. FAO monitoring team , a third party and FAO deputed land surveyers will be visiting regularly the sites selected for reclamation/rehabilitation for this activity for monitoring the quantity and quality of the work and reporting purpose.
- ii. The technical team of surveyers deputed by FAO will take measurement of the land reported by the ASP as reclaimed and rehabilitated.
- iii. CBOs nominated monitoring committee will monitor the activity;
- iv. FAO field teams will provide immediate feedback to the ASPs in case of short fall/inregularities between the modality of the operation and the quality of the work undertaken.
- v. Upon completion of the rehabilitation of each site, a certificate shall be issued by the ASP duly signed by the beneficiaries, agriculture extension department. FAO Project Officer(s) will sign after measurement and verification by the surveyers for further process and payment processing.
- vi. After verification of each site(s), measurement, payment will be made to the ASP through cross cheque by FAO.

4. Inputs to be provided by FAO

4.1. List of Inputs

- 4.1.1. FAO personnel expected to cooperate in providing timely details of selected sites/name of beneficiaries in the target villages.
- 4.1.2. Initial mobilization and organization of beneficiaries farmers.
- 4.1.3. FAO will be providing, site by site, the specifics of the operations needed for the rehabilitation/reclamation of the land. This may vary from area to area and site to site.

Annex 1: Equipment/machinery

The following machinery and equipment should be provided by the agriculture service provider(s) for 3000 acres of land reclamation/rehabilitation;

Quantity required for Lot 1 1000 acres in South Waziristan of land rehabilitation/reclamation		
Sr. No	Machinery type	Minimum mandatory Number /Lot
1	Tractor (Belarus 510 HP or FIAT 640 HP) with front and back blade) or equivalent fully equipped to perform the required services	10
3	Mould Board Plow/chisel equipped to perform the required services	10
4	Hydraulic front blade for Leveling or equivalent fully equipped to perform the required services	10
5	Common cultivator	10
6	Wooden planker	10

Quantity required for Lot 2 1000 acres in Kurram of land rehabilitation/reclamation		
Sr. No	Machinery type	Minimum mandatory Number /Lot

1	Tractor (Belarus 510 HP or FIAT 640 HP) with front and back blade) or equivalent fully equipped to perform the required services	10
3	Mould Board Plow/chisel equipped to perform the required services	10
4	Hydraulic front blade for Leveling or equivalent fully equipped to perform the required services	10
5	Common cultivator	10
6	Wooden planker	10

Quantity required for Lot 3 1000 acres in Orakzai of land rehabilitation/reclamation		
Sr. No	Machinery type	Minimum mandatory Number /Lot
1	Tractor (Belarus 510 HP or FIAT 640 HP) with front and back blade) or equivalent fully equipped to perform the required services	10
3	Mould Board Plow/chisel equipped to perform the required services	10
4	Hydraulic front blade for Leveling or equivalent fully equipped to perform the required services	10
5	Common cultivator	10
6	Wooden planker	10

Annex 2: List of Tehsils/sub divisions in each lot for land reclamation

Agencies	Areas/Tehsils
South Waziristan	1.
Kurram	Tehsils to be identified

Orakzai	Tehsils to be identified
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Annex 3: Work plan

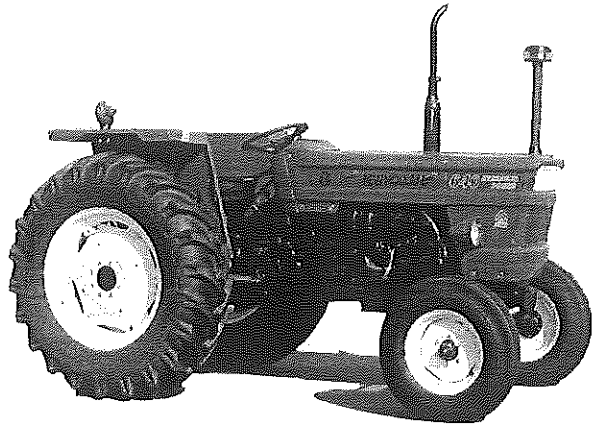
Annex 3: Work plan

Work Plan of land reclamation/rehabilitation additional land reclamation/rehabilitation								
S.No	Activity	Role and Responsibilities	Time frame (Weeks)					
			Weeks					
			W1	W2	W3	W4	W5	W6
1	Pre-bid evaluation orientation of potential bidders	FAO and bidders						
2	Competitive bidding	FAO						
3	Capacity assessment of shortlisted ASPs	FAO/Third party						
4	ASPs selection	FAO						
5	Signing contract	FAO and ASP						
6	Orientation of the ASP(s) on objectives and standards of land reclamation activity	FAO and ASP						
7	Verification and inspection of machinery and equipment by third party at ASP warehouse	FAO and Third Party						
8	Mobilization of machinery to sites of land reclamation	ASP						
9	Verification and inspection of machinery and equipment by third party at the sites	FAO and Third Party						
10	Land reclamation /Rehabilitation	ASP						
11	Completion certifications (weekly and monthly)	Project Officer						
12	Monitoring and follow up	FAO, line departments and Communities						

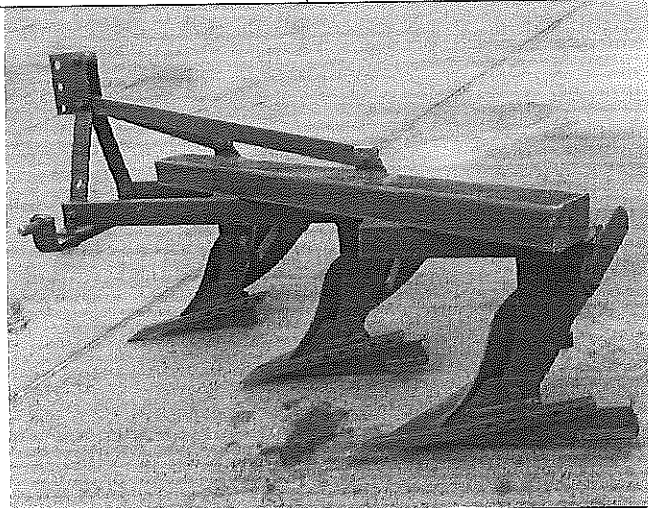
Annex 4: Sample pictures of required machinery and implements



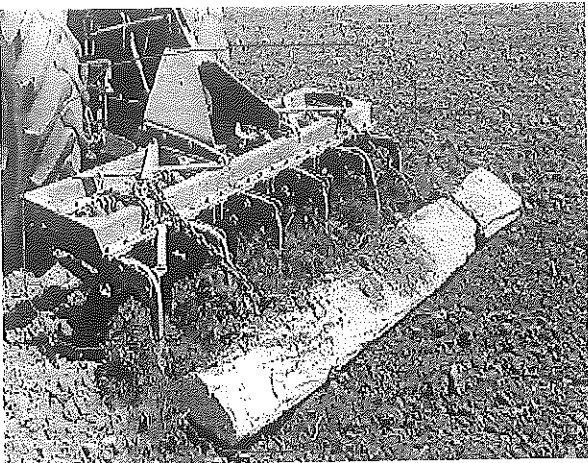
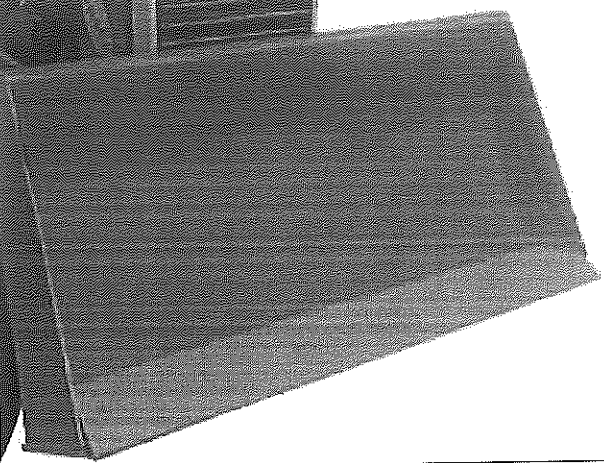
Tractor Belarus 510 HP



Tractor FIAT 640



Mould Board plough

	
<p>Common plough with wooden leveler plank</p>	<p>Front hydraulic blade</p>

Annex 5: Criteria and modality of land reclamation/ rehabilitation

- i. Before launching the activity of land reclamation extensive social mobilization/organization will be undertaken to orient the communities with sites selection criteria.
- ii. In line with the modality of the activity given in the proposal, the community interest groups will be formed , mobilized and closely engaged in the sites identification for land reclamation as per the criteria.
- iii. The waste but cultivable lands will be selected for the activity in integration with other activities especially the irrigation infrastructure rehabilitation because increased availability of the irrigation water from the rehabilitated schemes will contribute to successful of crops diversification especially high value vegetables and fruits plants
- iv. The selection of machinery for land development/rehabilitation will be identified in light of the land status/condition to be rehabilitated.
- v. Lands which can be easily reclaimed by the farmers themselves through normal field operations (ploughing) will not be given priority but lands which have become waste and needs intensive operation (deep ploughing, ripping, crumbing) for development; are to be selected.
- vi. The list of machinery finalized in light of the identified degraded lands sites, should be shared along with specifications of machinery/equipment and be in the tender.
- vii. The activity is to be coordinated with agriculture extension department FATA for effective selection of the sites as well as to avoid duplication with the ongoing initiatives of land development initiative of the agriculture extension department.
- viii. To ensure that the required machinery is in working/functional conditions and in line with the specifications, third party evaluation will be preferred.

- ix. Once the machinery is enlisted at the vendor warehouse, then the same after transportation to the respective agencies will be verified again by the same independent/third party company.

Sites selection Criteria

1. Previously cultivated agriculture lands owned by TDPs but have become abundant/ degraded / waste land due to crises in FATA. The waste lands which have become waste due to one or more of the following reasons;
 - *Soil compaction needing deep plowing and leveling*
 - *Land occupied by invasive weeds/bushes growth of both shallow rooted and deep rooted nature.*
 - *Land which is uneven due to the accumulation of debris/mounds/stones and sliding of field borders /terraces needing deep plowing, followed by leveling and demarcation of field level irrigation channels.*
 - *Land damaged by rill or gullies erosion and needs filling and leveling*
- The land must have a perennial irrigation source either functional at the time of selection/ restoration or expected to be functional for better land utilization through FAO irrigation schemes rehabilitation.
- The land for reclamation/ development must be identified locations/villages where FAO has identified the irrigation schemes and in integration with other project activities (as mentioned above) with active participation of community interest groups.
- The land development/rehabilitation must not be simple plowing or pulverization but an extensive work to make the culturable waste land, more developed and fit for cultivation of high value crops.
- The maximum land holding of single HH should not be more than 1acres for land reclamation.
- The land selected for reclamation/restoration should be the ownership of the criteria based selected beneficiaries and must be free from any current or potential dispute.
- The owners of the land reclamation have to ensure to use the land for high value and sustainable agriculture productions.
- This will be the owner responsibility to maintain and ensure post reclamation care.
- The beneficiary must be willing to be registered with nears govt. FSC (Farm Service Center) as per the govt. registration procedures.

Annex 6: check list for verification of machinery at ASP warehouse and field sites
CHECK LIST FOR VERIFICATION OF MACHINERY AND IMPLEMENTS TO BE PROVIDED THE AGRICULTURE SERVICE PROVIDER (ASP) FOR LAND RECLAMATION UNDER CERF PROJECT.

3000 acres

S.No	Parameters/Details	Findings					
1.	Name of the supplier						
2.	Company Name						
3.	Company Location						
4.							
5.	Tractor (Belarus 510 HP or FIAT 640 HP) with front and back blade)	Required	Available with ASP				
			<table border="1"> <thead> <tr> <th>No.</th><th>Functional aspects</th></tr> </thead> <tbody> <tr> <td>30</td><td> <input type="checkbox"/> Fully functional <input type="checkbox"/> Partially functional and repair/servicing needed <input type="checkbox"/> Not functional </td></tr> </tbody> </table>	No.	Functional aspects	30	<input type="checkbox"/> Fully functional <input type="checkbox"/> Partially functional and repair/servicing needed <input type="checkbox"/> Not functional
No.	Functional aspects						
30	<input type="checkbox"/> Fully functional <input type="checkbox"/> Partially functional and repair/servicing needed <input type="checkbox"/> Not functional						
5.	Mould Board Plow	30	<input type="checkbox"/> Fully functional <input type="checkbox"/> Partially functional and repair/servicing needed <input type="checkbox"/> Not functional				
6.	Hydraulic front blade for L eveling of ² land	30	<input type="checkbox"/> Fully functional <input type="checkbox"/> Partially functional and repair/servicing needed <input type="checkbox"/> Not functional				
7.	Common cultivator/common 13 toothed plow	30	<input type="checkbox"/> Fully functional <input type="checkbox"/> Partially functional and repair/servicing needed <input type="checkbox"/> Not functional				
8.	Are trained and skilled drivers available for operation of each machinery		<input type="checkbox"/> Yes <input type="checkbox"/> No				
9.	In case of No when can be the required drivers made available		Date: _____				
Sample pictures of the machinery and implements							

S.No	Name of company	Assessed by (Name)	Signature	Date

² Note : The third party will conduct the machinery and implement verification /assessment twice i.e. once at the warehouse of the Agriculture Service Provider (ASP) and then at the field sites, so as to ensure that the same machinery and implements verified at the ASP warehouse have been shifted to the field locations/villages for land reclamation.

Name (Social Mobilizer) _____ Date: _____ Signature _____

Name (Project Officer) _____ Date: _____ Signature _____

Name (ASP) _____ Date: _____ Signature _____

Annexes 7: Work Completion Certificate by the beneficiary farmer

Name of beneficiary Farmer: _____ Tehsil: _____

Agency: _____ CNIC: _____ Village: _____

I hereby certify that my abandoned/degraded land measuring (acres) _____ has been rehabilitated/reclamation through FAO selected service provider(s) upto my entire satisfaction. The rehabilitated is now suitable for crops cultivation and other productive uses.

Signature of the beneficiary Farmer: _____ Date: _____

Signature of PO/Social Mobilizer: _____ Date: _____

**Appendix- II
Financial Offer**

Tender No. 2019/FAPAK/FAPAK/101303 (19/86)

Rate offered by the bidder/Agriculture service provider @ acres/kanals per hour;

Quantity required for Lot 1		
1000 acres in South Waziristan of land rehabilitation/reclamation		
Offered by the bidder Rate (PKR) Per Hour*	Offered by the bidder Total hours per Acre*	Offered by the bidder Rate (PKR) per Acre*

Quantity required for Lot 2		
1000 acres in Kurram of land rehabilitation/reclamation		
Offered by the bidder Rate (PKR) Per Hour*	Offered by the bidder Total hours per Acre*	Offered by the bidder Rate (PKR) per Acre*

Quantity required for Lot 3		
1000 acres in Orakzai of land rehabilitation/reclamation		
Offered by the bidder Rate (PKR) Per Hour*	Offered by the bidder Total hours per Acre*	Offered by the bidder Rate (PKR) per Acre*

***Including Insurance**

Required Delivery time: 2 weeks

Note: Maintenance and repairs of the offered machinery is the full responsibility of Bidders. In addition, bidders must be able to provide a replacement in case any machine gets out of order during execution of works.

The Agriculture Service Provider(s) can apply for the land reclamation/rehabilitation works for all three lots i.e lot 1) South Waziristan, lot 2) Kurram Agency) and lot 3) Orakzai Agency but single Service provider/supplier will be granted a contract for one lot only. Contract for two or more lots will not be granted to a single supplier.

* If the quote is in a different currency than specified here, FAO will convert prices for the commercial evaluation to a single currency using the official UN exchange rate corresponding to the date of the offer.

NOTE regarding arithmetical errors and discrepancies:

- If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected, unless in the opinion of evaluators, there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted will govern and the unit price will be corrected.
- If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals will prevail and the total will be corrected.
- In case of discrepancy between a word and figures, the amount in words will prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures will prevail subject to the note above.

Appendix-III – List of Tehsil

Agencies	Areas/Tehsils
South Waziristan	<u>Tehsils:</u> 1. Laddah 2. Makeen 3. Tiarza 4. Sarwakai 5. Sararogha 6. Shakai 7. Shawal
Kurram	<u>Tehsils:</u> 1.Lower Kurram 2.Upper Kurram and 3.Central Kurram
Orakzai	<u>Tehsils:</u> 1. Ismail Zai 2. Upper Orakzai, 3. Central Orakzai and 4. Lower Orakzai