



REQUEST FOR QUOTATION (RFQ)

RFQ Reference: UNDP/AFG/RFQ/2022/0000013627 - Construction of 700-meter Flood protection wall & 3 Small bridges in Dasht e Kahdastan Pashtoon Abad village, Injil district, Herat	Date: 12 September 2022
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SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP kindly requests your quotation for the provision of goods, works and/or services as detailed in Annex 1 of this RFQ.

This Request for Quotation comprises the following documents:

Section 1: This request letter

Section 2: RFQ Instructions and Data

Annex 1: Schedule of Requirements

Annex 2: Quotation Submission Form

Annex 3: Technical and Financial Offer

When preparing your quotation, please be guided by the RFQ Instructions and Data. Please note that quotations must be submitted using Annex 2: Quotation Submission Form and Annex 3 Technical and Financial Offer, by the method and by the date and time indicated in Section 2. It is your responsibility to ensure that your quotation is submitted on or before the deadline. Quotations received after the submission deadline, for whatever reason, will not be considered for evaluation.

Thank you and we look forward to receiving your quotations.

Issued by:

Signature:  B2CA33F8891B4CD...

Name: Alban Zhuri

Title: Head of Procurement Unit

Date: September 12, 2022

SECTION 2: RFQ INSTRUCTIONS AND DATA

Introduction	<p>Bidders shall adhere to all the requirements of this RFQ, including any amendments made in writing by UNDP. This RFQ is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement</p> <p>Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this RFQ.</p> <p>UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website.</p>
Deadline for the Submission of Quotation	<p><input checked="" type="checkbox"/> Online bidding in E-Tendering module. Date and Time: As specified in the system (note that the time zone indicated in the system in New York Time zone).</p> <p>If any doubt exists as to the time zone in which the quotation should be submitted, refer to http://www.timeanddate.com/worldclock/.</p> <p>PLEASE NOTE: -</p> <p>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.</p>
Site visit	<p>MANDATORY: An organized site visit is arranged as below:</p> <p>Location: Dasht-e-Khadistan, Pashtoonabad village Injil district Hirat</p> <p>Date and time: September 20, 2022. 10:00 AM local time</p> <p>Focal point: Ebadullah Mohmand</p> <p>Mobile number: +93 794-786 -826</p>
Method of Submission	<p>Quotations must be submitted as follows:</p> <p><input checked="" type="checkbox"/> E-tendering</p> <ul style="list-style-type: none"> ▪ File Format: PDF, Excel, Word ▪ 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. <p>[For eTendering method, click the link https://etendering.partneragencies.org and insert Event ID information]</p> <ul style="list-style-type: none"> • UNDP/AFG/RFQ/2022/0000013267 <p>Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link:</p> <p>http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/</p>
Cost of preparation of quotation	<p>UNDP shall not be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.</p>
Supplier Code of	<p>All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct,</p>

Conduct, Fraud, Corruption,	<p>which includes principles on labour, human rights, environment and ethical conduct may be found at: https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct</p> <p>Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_and_investigation.html#anti</p>
Gifts and Hospitality	<p>Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p>
Conflict of Interest	<p>UNDP requires every prospective Supplier to avoid and prevent 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, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified.</p> <p>Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ.</p> <p>The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
General Conditions of Contract	<p>Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the General Conditions of Contract</p> <p>Select the applicable GTC:</p> <p><input type="checkbox"/> General Terms and Conditions / Special Conditions for Contract</p> <p><input type="checkbox"/> General Terms and Conditions for de minimis contracts (services only, less than \$50,000)</p> <p><input checked="" type="checkbox"/> General Terms and Conditions for Works</p> <p>Applicable Terms and Conditions and other provisions are available at UNDP/How-we-buy</p>
Special Conditions of Contract	<p><input checked="" type="checkbox"/> Others [pls. specify]</p> <p>The Performance Guarantee referred to in Clause 10 of the General Conditions shall be deducted from each invoice of the Contractor for an amount of 10 (ten) percent of the invoice amount until it reaches 10 (ten) percent of the total estimated price of the Contract. Performance guarantee of 10% of the estimated price of the contract will be returned to the contractor, upon completion of 06 (six) months Defect Liability Period and issuance of Certificate of Final Completion. During the 06 (six) months of Defect Liability Period, the contractor is obligated to correct, repair and / or reconstruct any faults as may arise or any items listed in the Certificate of Substantial Completion by UNDP, at the Contractors own cost and within 14 (fourteen) calendar days of notification by UNDP.</p>

	According to Clause 45 of the General Conditions, the liquidated damages for delay shall be 0.5% (zero-point five percent) of the price of the Contract per day of delay, up to a maximum of 10% of the final price of the Contract.
Eligibility	<p>A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP.</p> <p>It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p> <p>Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.</p>
Currency of Quotation	Quotations shall be quoted in United States Dollars (USD)
Joint Venture, Consortium or Association	<p>If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture, Consortium or Association. Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.</p>
Only one Bid	<p>The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association. Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <ul style="list-style-type: none"> a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or b) they have the same legal representative for purposes of this RFQ; or c) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this RFQ process; d) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or e) some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.
Duties and taxes	<p>Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below:</p> <p>All prices must:</p> <ul style="list-style-type: none"> <input type="checkbox"/> be inclusive of VAT and other applicable indirect taxes <input checked="" type="checkbox"/> be exclusive of VAT and other applicable indirect taxes
Language of quotation	<p>English</p> <p>Including documentation including catalogues, instructions and operating manuals.</p>

Documents to be submitted	<p>Bidders shall include the following documents in their quotation:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Annex 1: Schedule of Requirements are duly completed and signed, as per the BOQ requirements. <input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed <input checked="" type="checkbox"/> Annex 2A: Priced BOQ duly completed and signed <input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1 <input checked="" type="checkbox"/> Audit Financial Statement for the last Five years (2017-2018-2019-2020-2021) <input checked="" type="checkbox"/> Company Profile. <input checked="" type="checkbox"/> Business Licenses: Valid business license in general construction works. (copy must be provided). <input checked="" type="checkbox"/> Copy of two contracts completed for (Renovation/Rehabilitation/Construction work executed during the last five years with national/multi-national organization in similar field. <input checked="" type="checkbox"/> List and value of ongoing Projects with UNDP and other national/multi-national organization with contact details of clients and current completion ratio of each ongoing project. <input checked="" type="checkbox"/> Copies of two similar contracts completed as prime contractor. <input checked="" type="checkbox"/> List of proposed personnel with CV's showing relevant experience and qualification as per the Annex 1 requirement <table border="1" data-bbox="381 798 1323 1453"> <thead> <tr> <th>S/N</th><th>Position/Item</th><th>Academy requirement</th><th>Experience (please detail on what)</th><th>No of Position</th></tr> </thead> <tbody> <tr> <td>1</td><td>Project Manager (Engineer)/ Focal Point</td><td>Degree in Civil Engineer</td><td>A minimum of 4 years of work experience in construction project management</td><td>1</td></tr> <tr> <td>2</td><td>Site Engineer</td><td>Degree in civil engineering</td><td>A minimum of 3 years of work experience in construction project supervision and implementation</td><td>2</td></tr> <tr> <td>3</td><td>Field Supervisor/foreman</td><td>Degree in engineering or relevant field</td><td>A minimum of 2 years' experience in construction project supervision</td><td>2</td></tr> </tbody> </table> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Implementation Plan/Timetable/ Gantt Chart for 90 Calendar Days (must indicating detailed list of tasks, duration, and allocated resources per task as per the requirement). <input checked="" type="checkbox"/> Statement that bidder is not listed in the removed or suspended vendor list of the UN or other such lists of other UN agencies, nor are associated with, any company or individual appearing on the 1267/1989 list of the UN Security Council. <input checked="" type="checkbox"/> Duly completed and stamped compliance sheet along with requested documentation, if any. <p>Note: Additionally, UNDP may request other financial documents such as Credit Line Facility, Bank Statements etc. in order to see the bidders' financial soundness (if required).</p> <p>For JV, both companies collectively should meet the requirement.</p>	S/N	Position/Item	Academy requirement	Experience (please detail on what)	No of Position	1	Project Manager (Engineer)/ Focal Point	Degree in Civil Engineer	A minimum of 4 years of work experience in construction project management	1	2	Site Engineer	Degree in civil engineering	A minimum of 3 years of work experience in construction project supervision and implementation	2	3	Field Supervisor/foreman	Degree in engineering or relevant field	A minimum of 2 years' experience in construction project supervision	2
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Quotation validity period	<p>Quotations shall remain valid for 90 days from the deadline for the Submission of Quotation.</p>																				

Price variation	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.															
Partial Quotes	<input checked="" type="checkbox"/> Not permitted															
Alternative Quotes	<input checked="" type="checkbox"/> Not permitted															
Payment Terms	<input checked="" type="checkbox"/> Progress Payment upon completion of certain contracted work as per the BOQs within 30 days after receipt of goods, works and/or services and submission of payment documentation through bank transfer to selected bidder.															
Conditions for Release of Payment	<input checked="" type="checkbox"/> Written Acceptance of completed works and services, based on full compliance with BOQs requirements and certification by UNDP Engineer.															
Contact Person for correspondence, notifications and clarifications	<p>Focal Person: Procurement Officer</p> <p>E-mail address: procurement.af@undp.org</p> <p>Attention: Quotations shall not be submitted to this address but through Atlas System. Otherwise, offer shall be disqualified.</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>															
Clarifications	Requests for clarification from bidders will not be accepted any later than 3 working days (Fridays and Saturdays are not working days) before the submission deadline. Responses to request for clarification will be communicated through addendum through Atlas before submission deadline															
Evaluation method	<input checked="" type="checkbox"/> The Contract for Civil Works/ Purchase Order will be awarded to the lowest price substantially compliant offer															
Evaluation criteria	<p><input checked="" type="checkbox"/> Full compliance with all Technical requirements/Specifications of the BOQs as specified in Annex 1</p> <p><input checked="" type="checkbox"/> Full acceptance of the General Conditions for Works</p> <p><input checked="" type="checkbox"/> Minimum of two contracts successfully completed with national/multi-national organization in similar field for rehabilitation/renovation/construction out of which one contract successfully implemented in the similar field for rehabilitation/renovation/construction equals or above than USD150,000</p> <p><input checked="" type="checkbox"/> Average Annual Turnover of US\$ 150,000/- for the last Five years (2017-2018-2019-2020-2021)</p> <p><input checked="" type="checkbox"/> Compliance with the delivery schedule and timeframe of 90 days.</p> <p><input checked="" type="checkbox"/> Qualification and suitability of the key personnel proposed for the contract including their previous experience with same type of assignment according to requirement stated in Annex-1A</p> <table border="1" data-bbox="381 1528 1323 1965"> <thead> <tr> <th>S/N</th><th>Position/Item</th><th>Academy requirement</th><th>Experience (please detail on what)</th><th>No of Position</th></tr> </thead> <tbody> <tr> <td>1</td><td>Project Manager (Engineer)/ Focal Point</td><td>Degree in Civil Engineer</td><td>A minimum of 4 years of work experience in construction project management</td><td>1</td></tr> <tr> <td>2</td><td>Site Engineer</td><td>Degree in civil engineering</td><td>A minimum of 3 years of work experience in construction project supervision and</td><td>2</td></tr> </tbody> </table>	S/N	Position/Item	Academy requirement	Experience (please detail on what)	No of Position	1	Project Manager (Engineer)/ Focal Point	Degree in Civil Engineer	A minimum of 4 years of work experience in construction project management	1	2	Site Engineer	Degree in civil engineering	A minimum of 3 years of work experience in construction project supervision and	2
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				implementation	
	3	Field Supervisor/foreman	Degree in engineering or relevant field	A minimum of 2 years' experience in construction project supervision	2
Right not to accept any quotation	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order				
Right to vary requirement at time of award	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.				
Type of Contract to be awarded	<input checked="" type="checkbox"/> Purchase Order <input checked="" type="checkbox"/> Contract for Works				
Expected date for contract award.	20 October 2022				
Publication of Contract Award	UNDP will publish the contract awards valued at USD 100,000 and more on the websites of the CO and the corporate UNDP Web site.				
Policies and procedures	This RFQ is conducted in accordance with UNDP Programme and Operations Policies and Procedures				
Any other information	Any discrepancy between the unit price and the total price (obtained by multiplying the unit price and quantity) shall be re-computed by UNDP. The unit price shall prevail and the total price shall be corrected. If the supplier does not accept the final price based on UNDP's re-computation and correction of errors, its quotation will be rejected.				
UNGM registration	Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at www.ungm.org . The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.				

ANNEX 1: SCHEDULE OF REQUIREMENTS

Annex-1A, Scope of work SOW

Annex-1B, Drawings and Specification (attached to the event)

Annex-1C, Bill of Quantity -BoQ Excel version (attached to the event)

Annex-1A, Scope of work SOW:**Construction of 700-meter Flood protection wall & 3 Small bridges in Dasht e Kahdastan Pashtoon Abad village, Injil District, Herat PROVINCE****Background:**

With the current political instability, economic volatility, the collapse of basic services, the uncertainty over continued international aid as a source of revenue, the disruptions to trade and finance, and the impacts of climate change on food production, the risks faced by the poor are becoming more intense and less predictable. It is estimated that as of August 2021, over half a million people have already been displaced by conflict and thousands more affected by natural disasters. Up to 30 percent of the population are projected to be in either a food security crisis or emergency by the end of the year¹, and half of all children under five are already severely malnourished.

An innovative, inclusive and highly flexible approach is needed, one that put people first, targeting the most vulnerable and meets local needs by focusing on saving lives and livelihoods. UNDP is, therefore, adopting a highly integrated yet decentralized approach to programming known as the Area-based Approach for Socio-Economic Recovery and Community Resilience in Afghanistan (known as the ABADEI Program).

ABADEI is centered on addressing worsening poverty and vulnerability, supporting community resilience and social cohesion, and enabling the rehabilitation of small-scale critical infrastructure for essential needs while creating immediate sources of income through cash-for-work and agriculture infrastructure that are under threat, due to crisis, climate change and economic collapse.

Project Area:

Pashtoon Abad village is located in Injil district, Herat province. It is one of the IDP and Returnee areas of this province that needs urgent rehabilitation assistance, in this village live 585 Households. During flood seasons destroys local homes and agricultural land, about 250 houses and 200 hectares of agricultural land are at severe risk from flood and the other households are at the second stage of risk, therefore, residents requested a protection wall to protect their homes, and agriculture land.

To protect this village, and agricultural land from flood hazards, and 700 meters flood protection wall is needed in the critical area. The Protection wall will protect the houses, and agricultural land from flood hazards. The direct outputs of this project include the construction of an 700 meter protection wall & 3 bridge to protect 250 houses, one school and 200 hectares agricultural land. And 601 households alleviated of food insecurity through cash for work and it will generate 10 working days per laborer, totally 6010 working days for 601 households.

CASH FOR WORK ARRANGEMENT**Laborer selection**

In consultation with CDCs, UNDP field coordinator will identify the most suitable laborers/beneficiaries based on the beneficiary selection criteria. Except in outstanding circumstances, one family can have maximum one laborer. This is to ensure as many households benefit from the intervention as possible.

Vulnerabilities that will be considered for beneficiary selection include:

- households struggling with poverty
- Vulnerable family's member who have ability of work
- households with members who are unemployed

When the number of eligible labourers are high, a maximum number of working days per labourer could be set in order to ensure that as many households benefit from the intervention as possible.

Pay per day for unskilled labor Must not less than 500 AFN.

Labor working days				
No	Community Name	#Labors	Day/Labor	Total labor days
1	Pashton Abad	200	10	2000
2	Boor Abad	200	10	2000
3	Ali Abad	201	10	2010
	Total	601		6010

Skilled and unskilled labors/day				
Total Project duration	Months	Off days	Work days	Total days
Total life cycle 3 months	3	4	26	78
Total labor days				6014
Number of unskilled labors per day				57
Number of Skilled labors per day				20

Nature of Contract:

The required civil work for the flood protection wall project will be excavation, compacted backfilling, Stonemasonry (main activity of the project), RCC, PCC, PVC pipe for weep holes ...etc.

a. Specific Objectives

The activities would contribute to the following ABADEI outcomes, outputs and activity results:

- Essential Food Security & Agri-Business Infrastructure and Services supported.
- Protecting farm based livelihoods from natural disasters

The objective of the project is to protect houses, School and agricultural land of these people from Flood risk.

b. Scope of work

The works shall be done as per scope of work, specifications, design, drawings, BoQs and general contract conditions, this project requires an experienced registered contractor to design and execute the job, the contractor shall provide all laborers, material tools, equipment, supervision services, and other related items required to complete the project as per the scope of work and specifications.

The contractor must finish the project in the scheduled time, if there is need to increase the resources (labor and materials) or two shift work the contractor should do it accordingly with coordination of UNDP field engineer.

Workmanship and Materials

All workmanship shall be of the best quality appropriate to each category of work. Except where otherwise stated or approved by the Engineer, all materials used in the Works shall be of the best quality of their respective kinds as specified or described in the Specification, Drawings and Bills of Quantities and shall comply wherever possible with the current issue of the appropriate standard published by the British Standards Institution, or other equivalent national standard proposed by the Contractor and approved by the Engineer.

The Contractor shall use locally produced materials in preference to imported materials provided that they comply with the Specification and are available in sufficient and timely quantities. Temporary Works and Care during Construction. The contractor shall construct and maintain all necessary channels, diversions and other temporary works necessary to ensure that Flood water supplies are not interrupted during rehabilitation and construction works; shall furnish all materials required therefore; and shall furnish, install, maintain and operate all necessary pumping and other equipment (if necessary) for maintaining water supplies around the rehabilitation works.

After having served their purpose, all temporary works at the construction site shall be removed in a manner approved by the Engineer, and such areas after those are removed shall be levelled and graded to the extent required to prevent obstruction in any degree whatever and maintaining the designed function of the structure.

The contractor shall be responsible for and shall repair at his expense any damage to the foundations, structures, or any other part of the works caused by floods, water or failure of any part of the temporary diversion or protective works. For more detail on this and other general works please see the general part of attached specifications.

Excavation:

All excavation shall be carried out to the lines and levels shown on the drawings or to such lines and levels as the Engineer may direct. The Contractor shall trim all permanent excavation to the lines and levels shown on the drawings. Excavation shall generally be executed in such a manner as to ensure that the side slopes, as shown on the drawings, are not in any way endangered by undercutting.

As far as practicable, all suitable materials from the excavations shall be used in embankment and backfill for structures. The Contractor shall dispose of unsuitable or excess soil of the excavated materials in a place that is acceptable to the local community and so that they do not interfere with proper functioning of the works.

All necessary precautions shall be taken to preserve the material below and beyond the lines of all excavation in the soundest possible condition. Any damage to the work due to the Contractor's operations,

including shuttering to the material beyond the required excavation lines, shall be repaired at the expense of and by the Contractor. Any and all excess excavation or over excavation performed by the Contractor for any purpose or reason, except as may be directed in writing by the Engineer, and whether or not due to fault of the Contractor, shall be at the expense of the Contractor. Excavation taken out to a greater depth than is necessary shall be filled to the required level with concrete of appropriate class or other material approved by the Engineer. All such excess excavation and over excavation shall be filled at the expense of and by the Contractor.

The bottom and side slopes of excavation against which concrete is to be placed shall be finished accurately to the dimension shown on the drawings or as prescribed by the Engineer and the surface so prepared shall be moistened with water and tamped or rolled with suitable tools or equipment for the purpose of securing a firm foundation. If at any point the natural foundation material is disturbed during the excavation process or otherwise, it shall be compacted in place, or it shall be removed and replaced with suitable earth materials or concrete at the expense of the Contractor, for more detail on this and other related work please see the earthworks part of attached specifications.

Note: The excavation should be done by labors from the project host community and if some parts technically impossible by laborer it can be done by machinery with coordination and order of UNDP field engineer.

The daily wage for unskilled labor should not less than 500 AFN.

Back filling:

Backfilling with selected materials from excavation or borrow pits from approved source, In all excavations where the excavated material is required to be returned to the excavation as backfill, suitable material shall be set aside during excavation and shall be kept free from contamination with top soil, vegetable matter or other unsuitable material, failing which the Contractor shall at his own expense import suitable material from elsewhere, backfill at 90% shall be deposited in horizontal layers not more than 150 mm thick after being compacted, and shall be brought to the moisture content required for the purpose of compaction as instructed by the Engineer and the moisture content shall be uniform throughout each layer. The density of compacted random backfill shall not be less than 90 per cent of the maximum dry density obtained by compaction or, where the backfill is a cohesion less, granular material to a field dry density not less than 1950 kg/m³, backfill shall be placed carefully in the vicinity of any structure so as not to damage the structure. For more detail on backfilling and other related work please see the earthworks part of attached specifications.

Note: The Backfilling should be done by labors from the project host community and compaction can be done by roller.

STONE WORKS

Stone

Stone for all purposes shall be the best of its kind, sound and durable, free from flaws and from soft, weathered or decomposed parts. In general, the stones should be of uniform size to avoid voids between stones. The stone and the quarry from which it is obtained shall be subject to the approval of the Engineer before being used or placed. All the stone shall have a specific gravity of not less than 2.5.

Rock used for stone pitching shall be sound durable rock selected from the harder rock from the required excavations or other approved sources. The rock shall not be less than 150 mm thick and shall be properly bedded to a uniform surface on an approved bedding material. The exposed surface of each stone shall be approximately flat and of an area not less than 0.03m².

Masonry

Stone used in masonry shall be regular field or quarry stone of approved quality, free from seams and other defect. All masonry stone shall be kept slightly moist at the time of use. Stone used for masonry shall be two-thirds of the wall thickness.

Types of Masonry

The stone masonry will be divided into two (2) types, Type A and Type B, according to cement mortar used for jointing. The cement-sand ratio by volume is given in the following table:

Type of stone masonry	Ratio of cement-sand
<hr/>	
Type A	One part of Portland cement to three sand (1:3)
Type B	One part of Portland cement to four sand (1:4)

Type A stone masonry shall be used for protection work against abrasion and attack by boulder and gravel. Type B stone masonry shall be used for all stone masonry structure such as flumes, walls, piers, transition of canal structures, etc.

Sand for stone masonry mortar shall be clean well graded sand, it shall consist of crushed stone sand or natural clean well graded sorted sand or combination of any of these, sand shall be hard, durable, clean and free from adherent coating and organic matter and shall not contain any amount of clay, silt and fine dust.

Sand should be with an approximately even particle size distribution. As the smaller particles may fit in between the larger particles, this even distribution reduces the proportion of voids to solids and thus is less demanding on the binder than poorly-graded sand.)

Laying of Stones

In laying the first course a full mortar bed shall be placed on the foundation to the full thickness of the wall. The stones shall be laid by hand with specified mix of mortar in between two stones and a 12 cm layer of mortar on the bottom of the new layer. The finished surface of the masonry shall be made as the shape and size of the stones will permit varying not more than 4 cm from the required contour. Each course is carefully plumbed and checked for vertical alignment. All alignment and plumbing of each unit to final position must be done while the mortar is soft.

Surfacing and Pointing

Joints on the face of all stone masonry exposed to view shall be neatly finished. The mortar in the joints of the stone masonry shall first be removed to a depth of three (3) cm. The joint shall then be cleaned thoroughly with a wire brush of all loose materials and filled with cement mortar with a mix proportion of one part-land cement and three part of sand by volume (1:3). The surface of the face stone shall be cleaned of all mortar upon completion of the finishing operation.

Contraction Joints

Contraction joints shall be provided at intervals of ten (10) meters or less except as otherwise mentioned on the drawings or as directed by the Engineer. The contraction joint shall be a straight line perpendicular to the flow direction and, where it is necessary on such horizontal surfaces as floors, shall be parallel to the flow direction.

Weep Holes

Weep holes of sizes 3" dia are to be placed in the body of masonry walls if shown on the drawings. These weep (drainage) holes are to be covered with inverted filters on the backfill side in an area of 400mm x 400mm with a thickness of 400mm. They are to be located at 1m intervals both vertically and horizontally in a staggered way.

CONCRETE WORKS:

Concrete General:

Concrete shall consist of cement, graded aggregate and water thoroughly mixed, placed and compacted as specified.

Before starting concreting the Contractor shall obtain formal written permission for concreting from the Engineer or his representative on site. The Engineer or his representative shall allow concreting after

ascertaining the required lines and levels, suitability of formwork, availability of required plant and labour, proper fabrication and spacing of the steel bars and quality and quantity of cement and aggregates.

All concrete to be used in the Works shall be as shown on the Drawings, Bills of Quantities or as directed by the Engineer.

Cement:

All cement shall be from reputable manufacturers and conform to international standards. Cement shall be stored where it cannot be damaged by rain or moisture and shall be free of lumps when used. Sulphate-resisting cement shall be used for foundations and ordinary Portland cement for other works or as directed by Engineer or his representative.

Concrete Aggregates:

All concrete aggregates (sand & gravel) shall be furnished by the Contractor from approved sources and to be approved by the Engineer. They shall be free from organic material, lumps of soft material, clay, chalk, lime, peat, loam, soft clayey shale or decomposed stone, vegetable and other impurities that may be harmful to concrete.

Sand for concrete shall be clean, well graded and free of stones larger than 2mm and not include significant amounts of silt and clay. If sand, when dried after wetting, adheres together then it shall be considered unsuitable.

Gravel for concrete shall be uniformly graded and consist of hard and dense rock. The gravel shall be free of materials finer than 5mm and the surface shall be clean. Gravel for use in all concrete works, Mass Concrete, PCC and RCC shall have angular or cubical in shape. The maximum nominal size of the gravel shall be eighty (80) mm in mass concrete, forty (40) mm in structural concrete and twenty (20) mm in other thin concrete structures like slabs.

Water for Concrete:

Clean fresh water is to be used for the mixing of all concrete and mortar. Water that is safe to drink shall be considered suitable for making concrete.

Steel Reinforcing Bars:

Steel reinforcement shall be steel bars manufactured to international standards with a minimum yield stress of 250N/mm² or high yield steel grade 4501425 as indicated in the Drawings and Bill of Quantities or as directed and must comply with BS 4449, BS 4461 or another approved standard. Steel fabrics shall comply with BS 4483.

The Contractor shall be responsible for the accuracy of the cutting, bending and placing of the reinforcement. Reinforcement will be inspected for compliance with the requirements as to grade, size, and shape, length, splicing locations, position and amount after it has been placed.

Reinforcing bars or fabric shall be accurately placed and secured in position so that there will be a clear distance of at least 25mm between the bars or fabric and any adjacent embedded metal work and so that the bars and fabric will not be displaced during the placing of concrete, and the Contractor shall ensure that there is no disturbance of the reinforcing bars or fabric in concrete that has already been placed.

Chairs, hangers, spacers and other acceptable metal, plastic or concrete supports may be furnished and used by the Contractor for supporting reinforcing bars or fabric.

All reinforcement bars shall, immediately prior to placing, be free from loose mill scale, loose rust, oil, grease, dirt or other foreign matter. Reinforcement is to be placed and secured in the exact position as indicated on the drawings and kept in the correct position in the forms without displacement during the process of vibrating, tamping and ramming the concrete in place. All free ends of the plain round bars shall have hook as shown on the drawings or as directed by the Engineer. Bars shall be bound together with best mild steel wire which shall be twisted tight with proper pliers. The free ends of the binding wire shall be bent inward.

Minimum concrete cover to reinforcement should be 50mm measured from the outside of the bar, unless shown on the drawings or directed by the Engineer.

The Contractor must inform the Engineer of the completion of any reinforcement in time, in order to facilitate its inspection and check of conformity with the Working Drawings well before the concrete is placed. Relevant formalities shall be agreed upon between the Contractor and the Engineer at the appropriate time.

Drawings and Bar Lists:

Steel reinforcing bars or fabric shall be placed in concrete where shown on the Drawings or directed.

A bar bending schedule may be provided for the Contractor's convenience, but does not constitute a Contract Document the Contractor shall prepare for additional structures, in an approved manner, reinforcement detail drawings showing reinforcement bar lists, bar placement details and bar bending details for each structure, if not provided by the Engineer.

All reinforcing bars shown on the reinforcement detail drawings shall be identified on the bar lists in accordance with the standard reinforcing bar shapes as shown on the Drawings.

All bar lists shall be identified with the relevant reinforcement detail drawing and all bars scheduled on the bar lists shall be defined and dimensioned in a manner approved by the Engineer.

Concrete Classes:

The classes of concrete to be used in the Works shall be as shown on the Drawings, Bills of Quantities or as directed by the Engineer. The concrete is classified on the basis of its compressive strength at twenty-eight (28) days as well as the maximum size of the aggregate as shown below and nominal mix proportions shall be used only as a guide.

Concrete Max Slump(mm)	Concrete Class	Characteristic Cube Strength at 28 days (kg/cm ²)	Maximum Aggregate size(mm)	Maximum water/ cement ratio (%)	Approx. cement content	Nominal Mix proportions (Kg/m ³)
75	M25	250	20	45	400	1 : 1 : 2
75	M20	200	20	45	400	1 : 1.5 : 3
75	M15	150	40	50	310	1 : 2 : 4
100	M10	100	80	55	220	1 : 3 : 6
100	M5	50	20	60	170	1 : 4 : 8

Type	Description
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M25& M20 Reinforced concrete for all RCC works, etc.

M15 For various types of concrete works such as Mass Concrete structures and PCCworks.

Consistency:

The concrete shall be of such consistency that it can be readily transported, placed and compacted in the Works without segregation of the materials. The resulting concrete shall be uniform and free from honey-combing. The consistency of the concrete as determined by the slump test shall be within the range of 5 cm to 10 cm. Samples for slump determination will be taken from the concrete during placing in the formwork.

Mixing Concrete by Machine:

Unless otherwise authorized by the Engineer, concrete shall be machine mixed at site.

Where the concrete is to be mixed in machines, these shall be of the batch mixing or other approved type. The machines shall ensure that all the concreting materials including the water are thoroughly mixed together before any portion of the mixture is discharged. The machines must be capable of discharging their contents while running.

All classes of concrete shall be mixed for a period not less than 1½ minutes after all materials, including water, are in the mixer. All mixing water shall be introduced before one-fourth of the mixing time has elapsed. The mixers shall not be loaded beyond their rated capacity, nor be operated at a speed in excess of that recommend by the manufacturer, generally between 15 to 20 revolutions per minute. The mixer shall produce a concrete of uniform consistency and appearance. All mixing equipment's shall be cleaned before commencing mixing and shall be kept free from set concrete.

Concrete for All Mass Concrete works, RCC works, & Stone Masonry Mortars shall be mixed by Machine, Hand Mixing is not permissible.

Mixing Concrete by Hand:

Where concrete is mixed by hand, this shall be done as near as practicable to the site where it is to be deposited. Clean mixing bankers of platforms of sufficient areas for the proper execution of the work shall be provided. These platforms if constructed of timber shall consist of planks closely jointed so as to avoid the loss of any grout or liquid from the wet concrete. The whole of the aggregate and cement shall be turned over on the banker in a dry state at least three (3) times. The water shall then be added gradually through a rose head, after which the materials shall again be entirely turned over in a wet state at least three (3) times before leaving the banker.

Mixing Concrete by hand is allowed only for small quantity works of less than 1M3

Foundation Preparation for Concrete:

Before placing concrete on foundations, the Contractor shall remove from all such surface oil, objectionable coatings, loose or unsound fragment of earth mud, debris and standing water, to the satisfaction of the Engineer and he shall keep such surfaces clean and free from standing water during concreting operations. Where new concrete is to be deposited on or against rock, the surface of the rock shall be toothed to form an adequate bond

Placing of Concrete:

The arrangements for placing concrete are to be such that in all cases the material may be conveniently handled and placed in the required position without re-handling or segregation. Except where otherwise directed, concrete shall not be placed unless the Engineer or his representative is present and has previously examined and approved the positioning, fixing and condition of reinforcement and any other items to be embedded and the cleanliness, alignment and suitability of the containing surfaces or formwork.

In placing concrete through reinforcement, care shall be taken that no segregation of the coarse aggregate occurs. On the bottom of beams or slabs, where the congestion of steel near the forms makes placing difficult, a layer of mortar of a composition compatible with the required concrete strength as directed shall be first deposited to cover the surface to a depth of approximately 3 cm.

Concrete shall not be placed in or in contact with standing or running water unless so specified or approved. Concrete shall not be placed against placed concrete which has been in position for more than 30 minutes unless a construction joint is formed as hereafter specified. When stoppage of concreting operations occurs for any reason, construction joints shall be placed. Before concreting operations are resumed, the surface of the concrete shall be cut or chipped to remove all laitance and to expose the aggregate. The surface of the concrete shall be thoroughly saturated and coated with a proportion of weight of 1:2 cement mortars one (1) cm thick before the placing of the concrete is resumed.

Concrete as reinforced concrete work shall be deposited in small quantities in a plastic state with a water cement ratio such to give the specified strength. The depositing of concrete in individual members shall be continued without stoppage up to an approved pre-arranged construction joint or until the member is completed and shall be finished off in such a manner that the junction of members shall be monolithic unless otherwise specified.

Concreting in High or Low Ambient Temperature:

Where the ambient temperature exceeds thirty-two degrees Celsius (32°C), the Contractor shall take special measures in the mixing, placing and curing of concrete. The temperature of the concrete when deposited shall not exceed thirty degrees Celsius (30°C). The Contractor shall carry out all necessary special measures to ensure that the maximum concrete temperature after placing shall not exceed thirty degrees Celsius (30°C) at the time of placing. During placing suitable means shall be provided to prevent premature stiffening of the concrete placed in contact with hot surfaces. The Contractor shall not mix and place concrete when the ambient temperature falls below three degrees Celsius (3°C). The contractor shall carry out all necessary admixture for the concrete in the weather which is below (3°C) and above (32°C).

Concreting in Adverse Weather:

No concreting will be allowed to take place in the open during storms or heavy rains/ snowfall. Where strong winds are likely to be experienced additional precautions to ensure protection from driving rain and dust shall also be taken. The Engineer may withhold approval of commencement of concreting until he is satisfied that full and adequate arrangements have been made.

Vibration of Concrete:

Except where otherwise permitted by the Engineer, concrete shall be fully compacted throughout the full extent of the layer and shall be brought up in level layers of such depth that each layer is readily and properly incorporated with the layer below with the use of internal vibrators or by spading, slicing or ramming. It shall be thoroughly worked against formwork and around any reinforcement or embedded items without displacement. The internal concrete vibrator will either be arranged by Contractor himself.

The duration of vibration shall be limited to that required to produce satisfactory consolidation, without causing segregation. Vibration shall, on no account, be continued after water or excess grout (if any) appears on the surface.

Curing and Protection:

The Contractor shall take adequate measures to ensure that the concrete shall be kept damp continuously for a minimum of three (3) days after casting or for such other time as the Engineer may direct. After removal of this covering (layer of sacking, canvas, Hessian, straw mats or similar absorbent material or a layer of sand), the concrete shall then be sprayed with water for minimum period of a further fourteen (14) days.

All concrete liable to be affected by running water or wave action shall be adequately protected from damage during the setting period and all temporary protection works shall be to the satisfaction of the Engineer.

Joints in Concrete:

Joints in concrete shall be provided in manner and position as shown on contract drawings. In the case of water retaining structures, joints shall be made water-tight by the provision of a continuous water stop, with suitable water-resistant filler material and sealant as approved by the Engineer.

Joints required by the Contractor but not intended by the Exhibited Design are in principle subject to the Engineer's approval. The location and design of such joints are to be depicted in the Drawings that are then to be submitted to the Engineer in sufficient time. In determining the location of joints, the Contractor must consider the static requirements of the respective structural member, as well as the special local and climatic conditions.

Construction Joints:

Definition: Concrete surfaces, upon or against which concrete is to be placed and to which new concrete is to adhere, that have become so rigid that the new concrete cannot be incorporated integrally with that previously placed, are defined as construction joints.

Location of Construction Joints: The Contractor shall submit for approval, drawings showing his proposed location of construction joints not less than 30 days before placing concrete.

Forming Construction Joints: Construction joints shall be approximately horizontal or vertical unless otherwise shown on the Drawings or directed and shall be given the prescribed shape by the use of forms, where required, or by other means that will ensure suitable jointing with subsequent work; provided that unless otherwise shown on the Drawings, key-ways will not be required at construction joints. All intersections of construction joints with concrete surfaces which will be exposed to view shall be made straight and level or plumb.

Joint Sealer:

The joint sealing material must be resistant to oil, the most common chemicals and sunlight. It shall be of permanent elasticity, be suitable to carry the structural deformations and must possess an outstanding adhesion to the concrete. The elastic extension must be at least 150 % and the resistance to heat shall be between 50 degrees Centigrade and +120 degrees. Centigrade, which are to be confirmed by submission of verified test certificates.

Joint sealer shall be the make of a recognized manufacturer, such as THIPFLEX 600 or EXPANDITE or equivalent approved. Joint sealer shall be supplied with primer coats, backing material and/or bond breakers to the joint fitter, as required by the manufacturer's recommendations.

The Contractor shall submit to the Engineer a statement from the manufacturer(s) of the joint filler and sealing materials, that these materials are suitable under the prevailing local and structural conditions.

Water stopper:

Size and Material: Water stopper, nominally 225 mm wide, shall be placed in joints of concrete structures as shown on the Drawings or as directed. The water stopper shall be of extruded polyvinyl chloride complying with BS 2571: Class 3, Compound Type G4. The water stopper shall be of sufficient stiffness so that they remain in their correct position during concreting. The type shall suit the particular location in the structure in which the water stop is to be placed and the pattern shall be such that concrete can be placed all around it with complete consolidation and no voids or crevices.

Water stopper used in each location shall include at least one approved nailing strip so located that the efficiency of the water stop is not impaired, shall have a minimum thickness of 4 mm and shall be as approved. The width of the water stop shall be within a tolerance of 10 mm of the nominal width exclusive

during storage. The Contractor shall store the water stopper in such a way that the material does not deteriorate during storage.

Joints: The number of joints in the water stopper shall be the minimum practicable and all joints and bends shall be made as approved by the Engineer. The number of straight field joints shall be kept to a minimum and all 'Tee' and 'Cross' joints shall be factory produced. The Contractor shall protect the waterstopper against perforation or damage during the progress of the work. All joints shall be made in such a manner as to ensure:

that the material is not damaged by heat, searing or by the application of cementing materials:

that the splices have a tensile strength not less than 80 per cent of that required of the specified material;

that the splice is watertight and free of air bubbles, and

That the ribs and central bulb, where applicable, match up exactly and are continuous.

Form Work:

Formworks for concrete shall be constructed from materials of sufficient strength and supported to ensure that there is no deflection when concrete is placed. The formwork shall conform to the shapes, lines and dimensions of structures shown on the drawings. Where the concrete finished surface is exposed, the formwork shall be of good quality and free of gaps. Formwork shall not be removed until the concrete has obtained sufficient strength. Normally, formwork can be removed from walls after 2 days and from beneath slabs after 2 weeks.

The minimum periods between concreting and the removal of forms shall be as

follows: Sides of beams, walls, columns and piles 24 hours

Soffits of secondary slabs (props left in)	4 days
Soffits of main slabs (props left in)	8 days
Soffits of beams (props left in)	8 days
Removal of props - secondary slabs	10 days
Removal of props - beams and main slabs	21 days
Arch centres, wedges eased	8 days
Arch centres, struck	21 days

The times in the above table are given as a guide and are based on average weather conditions and the use of Ordinary Cement. They may be changed if other types of cement are used, subject to the Engineer's agreement. Formwork shall be constructed so that it can be removed without undue shock or vibration and so that side shutters of members can be removed without disturbing the soffit shutters; if the contractor wishes to leave some of the props in place when the soffit shutters are removed, these

props shall not be disturbed during the striking. The detailed arrangements of the props shall be submitted in advance to the Engineer. In the case of heavy loading, folding wedges shall be provided. For pre-stressed units the side shutters shall be eased as early as possible and the soffit shutters shall permit movement of the units when the pre-stress is applied. All formwork must be removed without damage to the concrete. All formworks must be according to specification, BoQ and instruction of engineer.

For more detail on concrete work please see the attached specifications.

Weep Holes:

Weep holes of sizes as directed by engineer are to be left in the body of stone masonry walls if shown on the drawings. These weep (drainage) holes are to be covered with inverted filters on the backfill side in an area of 400mm x 400mm with a thickness of 400mm. They are to be located at 2.5 meter horizontally and 1.3 meter vertically intervals in a staggered way.

Workmanship:

Workers working on the site shall be skilled in their job and have related job experience.

Materials:

All materials used on this work shall be new and conforming to the contract specifications as per , specifications, International and local codes.

Materials shall conform to the latest International Standards specifications as amended to date and carry certification mark. Contractor shall submit material samples and catalog for preapproval.

All materials used on the project shall be approved by the engineer (UNDP) before use. Any changes/substitutes on material shall be approved by UNDP before proceeding.

Storage of Materials:

All materials shall be stored in a proper manner protected from natural elements so as to avoid contamination and deterioration.

Safety:

The UNDP assumes no responsibility for injuries or damages suffered by Contractor, Contractor is responsible and shall continue management and implementation of a safety and health program throughout construction. The UNDP reserve the right to suspend work when and where Contractor's safety and health program is considered to be operating in an inadequate or non-complying manner. Contractor shall provide all Personal Protective Equipment for the workers as per the requirement of the site. Work will be stopped in case the proper protection equipment is not found with the workers and the lapse of time shall be at the Contractor's expense. Contractor will not leave the work site in an unsafe condition or any other condition that might cause injury to personnel, damage to existing work, plants or equipment.

Contractor will use all safety gadgets e.g. hard hats, cotton gloves and goggles as required on site to avoid the accident. Any equipment or work considered dangerous shall be immediately discontinued.

Site Location:

The project site location is Pashtoon Abad village of Injil district, Herat province, for GIS map and project exact location please see the attached drawings.

Contractors are advised to visit the site, verify the existing site conditions to develop their proposal accordingly.

Drawings:

Detail drawings are attached to the documents.

c. Works on Brief

The project scope of works explained above and attached BOQs and specifications

Liquidity damage /retention money will be 10% of total contract amount, or according to UNDP procurement rules and policy.

The contractor shall guarantee that all work performed will be free from all defects in workmanship and materials and that all activities will provide the capacities and characteristics specified. The contract further guarantees that if, during a period of one year from the date of the certificate of completion and acceptance of the work, any such defects will be repaired by the contractor at his own cost.

a. Key Performance Indicators and Service Level

The project will be regularly monitored by UNDP regional office, specifically by Field engineer who will be the project engineer for the said project, all the activities should be according to drawings, scope of work and given specification and have to be completed on given timeline and work plan, if there is anything found that were not according to drawings, scope of work and specification or have not done in good workmanship, the contractor should immediately repair the mentioned part according to given instruction by UNDP engineers.

Contractor shall not proceed with next activity until previous activity will be checked and approved by UNDP engineers. Contractor shall mention all inspection dates in the schedule chart, contract should work closely with UNDP engineers during the project implementation and share their Weekly schedule/activity plan, day to day activities plan for the duration of the project prior to the start date.

For dismantling/blocking or making connection to any existing services or any shutdown, contractor shall inform the (UNDP). at least three working days in advance and proceed with the work only after the permission from the UNDP. All dates and time schedule agreed upon should be strictly adhered to. Contractor shall notify the UNDP in advance regarding anticipated problems through the project.

b. Supervision

The project will be supervised by UNDP team, the contractor should report to UNDP regional offices or UNDP engineers and seek any type of approval, acceptance and assistance (based on contract) from them.

The contractor should report weekly to UNDP office; the report should be comprehensive consisting of a narrative within 7 days following the completion of the services, the report must be sufficiently detailed (Date and time, activities description, labours information and lists will working in the project, pictures before and after, videos, issues, problems, challenges and recommendations) to allow certification of deliverables and expenditures, with all supported documents. The contractor should provide daily report if there were need or requested by UNDP.

The contractor shall establish an efficient mechanism to ensure that a systematic update in regard to the implementation progress are available to UNDP and other parties of the project. The contractor shall provide the project manager/Engineer of the UNDP with a weekly plan for the visits and activities to be implemented on daily basis, besides the submission of weekly reports that indicate the accomplished activities in accordance to the submitted weekly plans.

a. Facilities to be provided by UNDP

Everything will be the responsibility of the contractor. UNDP will only do the inspection and providing the instalments based on the progress.

b. Expected duration of the contract/assignment

The project duration stated in work plan is 3 months, the contractor should strictly follow the work plan in order to complete the project on given time. The contractor should commence work within 7 days from the date on which he shall have been given access to the site and received the notice to commence from the UNDP and should perform and substantially complete the project on given time, in accordance with the contract. The contractor should provide all materials, supplies, labour and other services necessary to that end.

The estimated lead time for UNDP to review progress reports, certificate of payment, give comments, approve/accept outputs, etc. will be upon the rules and policy of UNDP.

The Defect Liability Period for this project will be 12 months after the completion of the project. If any defects happen during this period, the contractor is responsible to repair them by its own expenses.

j. Key personnel

Contractor shall employ and provide one full time team to supervise the project and has experienced of carrying out such type of work. The below table show the staff and their experience for implementation of this project:

S/N	Position/Item	Academy requirement	Experience (please detail on what)	No of Position
1	Project Manager (Engineer)/ FocalPoint	Degree in Civil Engineer	A minimum of 4 years of work experience in construction project management	1
2	Site Engineer	Degree in civil engineering	A minimum of 3 years of work experience in construction project supervision and implementation	2
3	Field Supervisor/foreman	Degree in engineering or relevant field	A minimum of 2 years' experience in construction project supervision	2

ANNEX 2: QUOTATION SUBMISSION FORM

Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	UNDP/AFG/RFQ/2022/0000013627	Date: Click or tap to enter a date.

Company Profile

Item Description	Detail
Legal name of bidder or Lead entity for JVs	Click or tap here to enter text.
Legal Address, City, Country	Click or tap here to enter text.
Website	Click or tap here to enter text.
Year of Registration	Click or tap here to enter text.
Legal structure	Choose an item.
Are you a UNGM registered vendor?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, insert UNGM Vendor Number
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? (If yes, provide a Copy of the valid Certificate):	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your Company have a written Statement of its Environmental Policy? (If yes, provide a Copy)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues (If yes, provide a Copy)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is your company a member of the UN Global Compact	<input type="checkbox"/> Yes <input type="checkbox"/> No
Bank Information	Bank Name: Click or tap here to enter text. Bank Address: Click or tap here to enter text. IBAN: Click or tap here to enter text. SWIFT/BIC: Click or tap here to enter text. Account Currency: Click or tap here to enter text. Bank Account Number: Click or tap here to enter text.

Previous relevant experience: 2 contracts				
Name of previous contracts	Client & Reference Contact Details including e-mail	Contract Value in USD	Period of activity	Types of activities undertaken

Bidder's Declaration

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	Requirements and Terms and Conditions: I/We have read and fully understand the RFQ, including the RFQ Information and Data, Schedule of Requirements, the General Conditions of Contract, and any Special Conditions of Contract. I/we confirm that the Bidder agrees to be bound by them.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm that the Bidder has the necessary capacity, capability, and necessary licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant Contract period.
<input type="checkbox"/>	<input type="checkbox"/>	Ethics: In submitting this Quote I/we warrant that the bidder: has not entered into any improper, illegal, collusive or anti-competitive arrangements with any Competitor; has not directly or indirectly approached any representative of the Buyer (other than the Point of Contact) to lobby or solicit information in relation to the RFQ ;has not attempted to influence, or provide any form of personal inducement, reward or benefit to any representative of the Buyer.
<input type="checkbox"/>	<input type="checkbox"/>	I/We confirm to undertake not to engage in proscribed practices, , or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we have read the United Nations Supplier Code of Conduct https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN.
<input type="checkbox"/>	<input type="checkbox"/>	Conflict of interest: I/We warrant that the bidder has no actual, potential, or perceived Conflict of Interest in submitting this Quote or entering a Contract to deliver the Requirements. Where a Conflict of Interest arises during the RFQ process the bidder will report it immediately to the Procuring Organisation's Point of Contact.
<input type="checkbox"/>	<input type="checkbox"/>	Prohibitions, Sanctions: I/We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.
<input type="checkbox"/>	<input type="checkbox"/>	Bankruptcy: I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
<input type="checkbox"/>	<input type="checkbox"/>	Offer Validity Period: I/We confirm that this Quote, including the price, remains open for acceptance for the Offer Validity.
<input type="checkbox"/>	<input type="checkbox"/>	I/We understand and recognize that you are not bound to accept any Quotation you receive, and we certify that the goods offered in our Quotation are new and unused.
<input type="checkbox"/>	<input type="checkbox"/>	By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the Organization/s to make this declaration on its/their behalf.

Signature: _____

Name: Click or tap here to enter text.

Title: Click or tap here to enter text.

Date: Click or tap to enter a date.

ANNEX 3: TECHNICAL AND FINANCIAL OFFER - WORKS

Bidders are requested to complete this form, sign it and return it as part of their bid along with Annex 2: Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	UNDP/AFG/RFQ/2022/0000013267	Date: Click or tap to enter a date.

Technical Offer

Provide the following:

- a brief description of your qualification and capacity that is relevant to the Scope of Works;
- a brief method statement and implementation plan;
- team composition and CVs of key personnel

Financial Offer

Description of Works	UOM	Qty	Unit Price	Total Price
Total cost of services/works based on BoQ				
Total				

Compliance with Requirements

	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Acceptance of Technical specification stipulated in the schedule of requirements in Annex 1.	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Acceptance of delivery Term (INCOTERMS 2020) DAP Kandahar	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Lead Time: 90 days	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Address: Injil district of Hirat Province	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation: 120 days	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Payment terms: Progress Payment upon completion of certain contracted work as per the BOQs within 30 days after receipt of goods, works and/or services and submission of payment documentation through bank transfer	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.	
<i>Exact name and address of company</i> Company NameClick or tap here to enter text. Address: Click or tap here to enter text. Click or tap here to enter text. Phone No.:Click or tap here to enter text. Email Address:Click or tap here to enter text.	Authorized Signature: Date:Click or tap here to enter text. Name:Click or tap here to enter text. Functional Title of Authorised Signatory:Click or tap here to enter text. Email Address: Click or tap here to enter text.