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| Norwegian Refugee Council (NRC) |
| **Invitation to Bid**  **Works** |
| ITB reference # 9200545 |

**SECTION 1**

**Cover Letter**

Kabul CO 07 May 2024

**Our reference:** 9200545

##### SUBJECT: INVITATION TO TENDER FOR: Construction of Reverse Osmosis System (RO), Zirtangi Village, Moqur District, Badghis Province.

Dear Mr/Ms

Following your enquiry regarding the publication of the above-mentioned invitation to tender, please find enclosed the following documents, which constitute the tender dossier.

Any request for clarification must be received by NRC in writing at least 5 working days before the deadline for submission of tenders. NRC will reply to bidders' questions at least 2 working days before the deadline for submission of tenders.

Costs incurred by the bidder in preparing and submitting the tender proposals will not be reimbursed.

We look forward to receiving your tender at the address specified in the Instructions to Bidders before date & time stated in the procurement notice.

If you decide not to submit a tender, we would be grateful if you could inform us in writing, stating the reasons for your decision.

Yours sincerely,

NRC Procurement Department

On behalf of the Bid Analysis Committee

This ITB document contains the following:

* This cover Letter
* Section 2: Bid Data sheet
* Section 3: NRC Invitation to bid general terms & condition
* Section 4:Technical description of the Bid
* Section 5: Bidding form
* Section 6: Work Schedule
* Section 7: Company Profile and Previous Experience
* Section 8: Bill of Quantities
* Section 9: Ethical Standards Declaration
* ANNEX A: Technical Drawings

**SECTION 2**

**Bid Data Sheet**

1. **Background Data**

|  |  |
| --- | --- |
| Contract Name: Construction of Reverse Osmosis System (RO), Zirtangi Village, Moqur District, Badghis Province. | Contract Number:PR9200545/ PO 2200455 |

This bid is issued by Norwegian Refugee Council (NRC office in Kabul Any correspondence can be addressed the following address office.

[Af.procurement@nrc.no](mailto:Af.procurement@nrc.no)

1. **Scope of Work**

|  |  |  |  |
| --- | --- | --- | --- |
| **Contract No.** | **Country** | **Location** | **Work Description** |
| PR9200545/ PO 2200455 | Afghanistan | Badghis | Construction of Reverse Osmosis System (RO), Zirtangi Village, Moqur District, Badghis Province. |

Please refer to the technical specifications, drawings, and BOQs for more details.

1. **Schedule & Deadline for Submission**

The deadline for submission of bids is 15:00pm on 19th May 2024 Late bids will not be accepted.

|  |  |  |
| --- | --- | --- |
|  | **DATE** | **TIME\*** |
| Invitation to Bid release | 9th May 2024 |  |
| Deadline for request for any clarifications from NRC | 15th May 2024 |  |
| Last date on which clarifications are issued by NRC | 16th May 2024 |  |
| Deadline for submission of bids (receiving date, not sending date) | 19th May 2024 | 15:00PM |

\* All times are in the local time of Afghanistan

Please note all dates are provisional dates and NRC reserves the right to modify this schedule.

1. **Manner of Submission**

Please submit your bids in accordance with the requirements detailed below:

Complete sealed bid documents shall be hand delivered at NRC Office at

**Jad-e- Arbabzadaha, in front of Alghias Higher Education institute, Herat, Afghanistan not later than 03:00pm on the due date indicated above.**

1. **Assessment Criteria**

Award of the contract(s) will be based on the following:

**Step 1: Administrative compliance check**

Bidders must provide evidence of the following for their bid to be considered compliant:

1. Sections 5-9 completed, signed and stamped
2. Bidder has included a copy of their valid business licence.

**Step 2: Technical Evaluation**

A Technical Evaluation of all bids received will be conducted for bidders that pass Step 1 – Administrative compliance check. Criteria that will be used to evaluate and score the bids are outlined in Section 3, Clause 27

**Step 3: Financial Evaluation**

Price in comparison to NRC established expectation and in comparison to other bidders of comparable technical quality

1. **Bidder’s Checklist**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Description** | **To be filled by bidder** | | **To be filled by NRC bid committee** | | |
|  | **Included?** | | **Present & complete?** | | **Comments** |
| **Step/ document to be submitted with tender** | **Yes** | **No** | **Yes** | **No** |  |
| Section 2 Paragraph 6. Bidder’s checklist - **Compulsory** |  |  |  |  |  |
| Section 3 – General Terms & Conditions – signed & stamped - **Compulsory** |  |  |  |  |  |
| Section 4 –Works Provision – completed, signed & stamped – **Compulsory** |  |  |  |  |  |
| Section 5 – Bidding Form – completed, signed & stamped – **Compulsory** |  |  |  |  |  |
| Section 6 – Works Provision Schedule - signed & stamped – **Compulsory** |  |  |  |  |  |
| Section 7 – Company profile & experience – completed, signed & stamped – **Compulsory** |  |  |  |  |  |
| Section 8 – Works provision description and pricing proposal – completed, signed & stamped – **Compulsory** |  |  |  |  |  |
| Section 9 – Ethical Standards Declaration – signed & stamped – **Compulsory** |  |  |  |  |  |
| **Supporting documents** |  |  |  |  |  |
| Copy of company registration ( Trade Licence) – **Compulsory** |  |  |  |  |  |
| Copy of tax clearance Documents: Optional |  |  |  |  |  |
| Reference and proof of experience (submit the contracts) - **Compulsory** |  |  |  |  |  |
| Copies of Company Director(s) and Vice president NID – **Compulsory** |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **To be filled in by NRC bid committee only** | **Eligible** | **Ineligible** |
| **Outcome of administrative eligibility check.** |  |  |

**NOTE: The tender committee will have the right to reject the bids if all the mandatory or above-mentioned Compulsory documents are not submitted along with the bids**

**SECTION 3**

**NRC Invitation to Bid - General Terms & Conditions**

1. **Scope of Bid**
   1. The bid is based on the scope of the assignment as determined in the Bid Data Sheet (Section 2). The instruction to bidders should be read in conjunction with the Bid Data Sheet.
   2. The successful Bidder will be expected to complete the assignment by the Intended Completion Date specified in the contract to be signed
2. **Corrupt Practices**
   1. **Norwegian Refugee Council** requires Employees, Bidders and Contractors, to observe standards of ethics during procurement and the execution of contracts. In pursuit of this, Norwegian refugee Council defines, for the purposes of this provision, the terms set forth below as follows:
   2. “Corrupt practice” includes the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
   3. “Fraudulent practice” includes a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Norwegian Refugee Council, and includes collusive practices among Bidders prior to or after bid submission designed to establish bid prices at artificial, non-competitive levels and to deprive the Norwegian Refugee Council of the benefits of free and open competition;
   4. In any case where fraud or corruption is identified, NRC will:

* reject any bids where the Bidder has engaged in corrupt or fraudulent practices in competing for the Contract;
* remove bidding contractors who engage in fraudulent or corrupt practices, from our prequalified list
* liaise with District Officials to report if fraudulent or corrupt practices are identified
* terminate works
  1. Any communications between a Bidder and the Norwegian Refugee Council related to matters of alleged fraud or corruption must be made in writing and addressed to the **Country Director in Afghanistan.**

1. **Data Protection and Security**
   1. NRC expects contractors who process personal data comply with the General Data Protection Regulation (EU GDPR) and any relevant national legislation. Suppliers processing personal data on an NRC contract will be required to sign a data processing / sharing agreement as a part of the contract. Refusal to sign such an agreement constitutes refusal of the contract terms and forfeiture of the contract on the part of the supplier.
2. **Eligible Bidders**
   1. A Bidder shall meet the following criteria to be eligible to participate in NRC procurement of Works:
3. the bidder, at the time of bid, is not:
   * 1. insolvent;
     2. in receivership;
     3. bankrupt; or
     4. being wound up
4. the bidder’s business activities have not been suspended;
5. the bidder is not the subject of legal proceedings for any of the circumstances in (b); and
6. The Bidder has fulfilled his or her obligations to pay taxes and social security contributions. In a case where VAT is included in a bid, a copy of the VAT certificate must accompany the bid.
7. A Bidder, and all parties constituting the Bidder including sub-contractors, shall not have a conflict of interest. All Bidders found to have an undisclosed conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if 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, or influence the decisions of the Norwegian Refugee Council regarding this bidding process.
   1. A Bidder whose circumstances in relation to eligibility change during a procurement process or during the execution of a contract shall immediately inform the Norwegian Refugee Council.
   2. NRC reserves the right to refuse a bid at any time if the bidder or any party constituting the Bidder, including one of its sub-contractors violates any of the ethical standards provided in section 9 of the Invitation to Bid.
8. **Joint Ventures, Consortia and Associations**

Bids submitted by a joint venture, consortium or association of two or more firms as partners are rejected.

1. **One Bid Per Bidder Per Work**

Each Bidder shall submit only one Bid per contract. A Bidder who submits or participates in more than one bid per contract will cause all the bids with the Bidder’s participation to be rejected.

1. **Cost of Bidding**

The Bidder shall bear all costs associated with the preparation and submission of his Bid, and the Norwegian Refugee Council shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

1. **Site Visit**

The Bidder, at the Bidder’s own responsibility and risk, is encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder’s own expense.

1. **Inspection**

NRC is obliged to ensure that its procurement decisions are clearly justified and documented and keeping within the Donors mandatory principles. In that regard, full and on-the-spot access must be granted to representatives of NRC, the Donor or any organisation or person mandated by it, to premises belonging to NRC or its contractors. The right to access shall include all documents and information necessary to assess, or audit the implementation of the contract

1. **Obtaining and Completing Bidding Documents** 
   1. Bidders can download the bid from ACBAR website or can collect from NRC Herat/ Kabul offices. Those who obtain from NRC office, should register their company while collecting the ITB.
   2. The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the bid.
2. **Clarification of Bidding Document**

A prospective Bidder requiring any clarification of the Bidding Document shall contact the Norwegian Refugee Council in writing. The Norwegian Refugee Council will respond in writing to any request for clarification before the deadline for clarification of bids. The Norwegian Refugee Council shall forward copies of its response to all Bidders who have acquired the Bidding Document, including a description of the inquiry but without identifying its source.

1. **Amendment of Bidding Document** 
   1. At any time prior and until 48 hours prior to the deadline for submission of bids, the Norwegian Refugee Council may amend or cancel the Bidding Document by informing the bidders in writing.
   2. To give prospective Bidders reasonable time in which to take an amendment or cancellation into account in preparing their bids, the Norwegian Refugee Council can, at his discretion, extend the deadline for the submission of bids.
2. **Language of Bid**
   1. The bid, as well as all correspondence and documents relating to the bid shall be written in English.
   2. Supporting documents and printed literature that are part of the bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Bid, such translation shall govern.
   3. Copies of official documents such as business registration, tax documents, bank guaranty can be provided in their issuance language.
3. **Documents Comprising the Bid**
   1. The bid submitted by the Bidder shall comprise all the mandatory documents listed in Section 2 Paragraph 06. Bidders’ checklist.
   2. All forms must be completed without any alterations to the format, and no substitutes shall be accepted. All blank spaces shall be filled with the information requested.
4. **Bid Price for Works Contract**
5. Bid prices are for complete contracts. Contracts cannot be subdivided into pieces unless is divided into lots. Where a bid is submitted per contract / lot, all relevant BoQ must be completed.
6. The Bidder shall fill in rates and prices for all items of the Works/supply or service described in the drawings and specifications and listed in the BoQ, Items for which no rate or price is entered by the Bidder will not be paid for by the Norwegian Refugee Council when executed and shall be deemed covered by the other rates and prices in the BoQ.
7. Unless otherwise specified in the Bid Data Sheet, all duties, taxes and other levies payable by the contractor under the contract, shall be included in the total bid price submitted by the bidder.
8. For bidder subject to VAT, VAT should be mentioned in the offers
9. The priced Bill of Quantities submitted by any Bidder shall be checked for arithmetical errors and for what might be considered unreasonable rates during the evaluation. Where errors are identified one or more of the following steps may be taken:
10. If any rates are considered to be unrealistic or unreasonable they may be altered by mutual agreement, provided that no alteration shall be made in the amount of the Bid.
11. If any arithmetical errors are detected in an otherwise acceptable bid, and the Bidder, on being so notified, is prepared to confirm his bid and if the Bidder is subsequently awarded the contract, then the Bid shall be altered to reflect the difference.
12. The Bidder is reminded that it is entirely his responsibility to ensure the accuracy of his bid. No alteration will be made to the bid after its submission on the grounds of any arithmetical errors subsequently discovered except as provided above.
13. **Currencies of Bid and Payment**

All prices shall be quoted by the Bidder in AFN, unless otherwise stated. Similarly, all payments will be made in in AFN.

1. **Bid Validity**
   1. Bids shall remain valid for a period of 90 calendar days after the date of the bid submission deadline as prescribed by Norwegian Refugee Council. A bid valid for a shorter period shall be rejected as non-compliant.
   2. In exceptional circumstances, prior to the expiration of the bid validity period, the Norwegian Refugee Council may request Bidders in writing to extend the period of validity of their bids. A Bidder must confirm in writing his acceptance of the extension. In case of extension, modification of the bid is not permitted.
2. **Alternative Bids**

Bidders shall submit offers that comply with the requirements of the bidding documents, including the basic technical design as indicated in the drawings and specifications. Alternative bids shall not be considered unless otherwise indicated in Section 2 – the Bid Data Sheet.

1. **Format and Signing of Bid**

The Bidder shall prepare one set of bid documents per contract that he wishes to bid for. The bidder should hold a copy of the documents with himself, for reference purposes.

1. **Sealing and Marking of the Bid**
   1. The Bidder shall enclose their bid for each contract as per Section 2 Paragraph 4. Manner of Submission.
   2. The envelopes shall:
   3. be addressed to the Logistics Office, Norwegian Refugee Council, in the location specified in Section 2 – the Bid Data Sheet
   4. bear the Contract number
   5. no other markings should be on the envelope
   6. If all envelopes are not sealed and marked as required, the Norwegian Refugee Council might decide to reject the bid
2. **Deadline for Submission of Bids**

Bids must be received by the Norwegian Refugee Council at the address given and no later than the date and time indicated in Section 2 - the Bid Data Sheet.

1. **Late Bids**

The Norwegian Refugee Council shall not consider any bid that arrives after the deadline for submission as stipulated in Section 2 – the Bid Data Sheet. Any bid received by the Norwegian Refugee Council after the deadline for submission of bids shall be declared late and rejected.

1. **Withdrawal and Replacement of Bids**
   1. A Bidder may withdraw or replace its bid after it has been submitted at any time before the deadline for submission of bids by sending a written notice, signed by an authorized representative. Any corresponding replacement of the bid must accompany the respective written notice. All notices must be:
2. submitted as with Clauses 20 and 21, and in addition, the envelopes shall be clearly marked “WITHDRAWAL” or “REPLACEMENT” and
3. received by the Norwegian Refugee Council prior to the deadline for submission of bids, in accordance with Section 2 – the Bid Data Sheet
   1. After the opening of bids, modifications to bids must be documented and any discussions reported in writing. A bid may be withdrawn at any stage, with written notice.
4. **Confidentiality**
   1. Information relating to the examination, evaluation, comparison, and post-qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until information detailing the best evaluated Bidder is communicated to all Bidders.
   2. Any effort by a Bidder to influence the Norwegian Refugee Council in the examination, evaluation, comparison, and post-qualification of the bids or contract award decisions may result in the rejection of its bid.
   3. From the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Norwegian Refugee Council on any matter related to the bidding process, it should do so in writing.
5. **Clarification of Bids**

Norwegian Refugee Council may, at its discretion, ask any Bidder for a clarification of its Bid. The Norwegian Refugee Council’s request for clarification and the response shall be in writing. Any clarification submitted by a Bidder that is not in response to a request by the Norwegian Refugee Council shall not be considered. All requests for clarifications shall be copied to all bidders for information purposes. No change in the price or substance of the bid shall be permitted, except to confirm the correction of errors.

1. **Bids Validation**
   1. The Norwegian Refugee Council’s determination of a Bid’s validity is to be based on the contents of the bid itself, which cannot be corrected if determined to be invalid
   2. A valid bid is one that complies with all the terms, conditions, and specifications of the Bidding Document, without deviation or omission, which affects, or could affect;
2. the scope, quality, or performance of the Works specified in the Contract; or
3. limits in any substantial way, the Norwegian Refugee Council’s rights or the Bidder’s obligations under the Contract
4. **Evaluation of Bid** 
   1. The Norwegian Refugee Council shall examine the legal documentation and other information submitted by Bidders to verify eligibility, and then will review and score bids according to the following criteria;
5. Completion and inclusion of requested information and supporting documents (Administrative compliance)
6. Overall timeframe for the works (Technical evaluation)
7. Schedules (Key Personnel and Activity schedule) (Technical evaluation)
8. Bill of Quantities (Financial & Technical evaluation)
9. Previous experiences in similar works (Technical evaluation)
10. Price in comparison to NRC estimated rate (Financial evaluation)
    1. In case of two contractors being scored the same in the evaluation, the one with the highest technical ranking will be awarded the contract
    2. Anti-money laundering, anti-bribery, anti-corruption and anti-terrorism legislation applicable in some jurisdictions and donor regulations require NRC to screen contractors against various lists including but not limited to the United Nations Security Council Sanctions List and World Bank debarment lists to ensure due diligence. Submission of the bid constitutes acceptance of these screening practices on the part of the Bidder.
    3. Norwegian Refugee Council reserves the right to reject all bids, and re-tender if no satisfactory bids are submitted
11. **Award Procedure**
    1. The Norwegian Refugee Council shall award the Contract in writing, with an award letter, to the Bidder whose offer has been determined to be the best, before the end of the bid validity period
    2. Any bidder who has not been awarded a contract, will be notified in writing
    3. Until a formal contract is prepared and executed, the Award Letter shall constitute a binding agreement between the bidder and NRC.
    4. The Award Letter will state the sum that the Norwegian Refugee Council will pay the Contractor in consideration of the Works as prescribed in the Contract, and in accordance with the Bid.
    5. The Bidder is thereafter required to submit a Letter of Acceptance, confirming their wish to proceed with a contract.
12. **Signing of Contract**
    1. Upon receipt of the Letter of Acceptance, the Norwegian Refugee Council shall call the successful Bidder to sign the Contract.
    2. Within an agreed timeframe, the successful Bidder shall sign, date, and return the Contract to the Norwegian Refugee Council.
13. **Contract**
    1. The Contractor-to-be will comply with a Works Contract, which will foresee, among others, the following commitments:
14. Non-exploitation of child labour and respect of basic social rights and working conditions (including security regulations and insurance for labour);
15. Provide transport, with insurance coverage for the materials, up to the warehouse and construction sites;
16. Accomplish the works, according to the required quantities and technical specifications indicated in the Bill of Quantities and Technical Drawings (SECTIONS 7 and 8), within the proposed timeframe
17. **Sub Contracting**

Please be advised that subcontracting is not permitted. Bidders must have the capacity to complete the works themselves.

1. **Explosive Hazards**

If this contract takes place in areas with Explosive Hazards, NRC accepts no liability for injury and/or death to contractor’s staff or damage to contractor’s property. It is the responsibility of the Contractor to check sites / ensure sites are checked for Explosive Hazards, informing their staff of the potential risks of undertaking works where Explosive Hazards may be present, providing staff with appropriate training on Explosive Hazards, and maintaining appropriate insurance / funding to cover injury and/or death of their staff which may arise.

**SECTION 4**

**Works Contract - Technical Description of the Bid**

**Construction of Reverse Osmosis System (RO), Zirtangi Village, Moqur District, Badghis Province.**

**Brief Technical Specifications**

**CONCRETE WORKS:**

**Brief Technical Specifications**

CONCRETE WORKS:

1 - All air - entraining plain cement concrete should be M-200 by wright or be as specified on the drawings.

2 - All PCC under footings to have cement, sand and aggregate as specified on the drawings.

3 - Concrete design should be based on a compressive strength of fc = 200kg/cm2 or as specified on the drawings.

4 - Weight per unit volume of concrete W=2400kg/m3.

5 - Sand or fine aggregate shall be free from salt, Alkali, Calcium sulphate or

Vegetation and it shall not contain more than 0.5 percent by weight clay.

6 - Aggregate:- Coarse aggregate shall consist of crushed gravel with the maximum size of 20mm.

7 - The maximum slump for concrete should be between ( 5 - 7.5 )cm. ( For different concrete type refer to general specification ).

8 - To increase the workability of the concrete provide the chemical admixture ( Super plasticizer, If required ).

9 - Water used for concrete mixture and concrete curing shall be from a source

approved by the Engineer and at the time of use shall be free from contaminants.

10- Concrete compaction should be done by using concrete vibrator at the time of

pouring in such a way to form a solid compact concrete.

11- Concrete curing should by continued for 14 days.

12- During cold weather concreting should be stopped or the contractor has to

consider cold weather concreting procedure as accepted by the Engineer. ( Or

refer to general specification ).

13- Concrete shuttering / formwork should be of steel or wooden type.

14- Concrete shuttering can be removed as per below minimum duration:

Side of beams, Walls, Columns ( 16 - 24 Hours ).

Forms from beneath the slabs ( Spaning up to 6m. ) 14 Days.

Forms from beneath the slabs ( Spaning above 6m. ) 21 Days

15- All air entrained concrete with 4.5% - 7% of air volumes should be used instead of

normal concrete works by adding approved admixture.

16- All RCC should be M-25.

17- All blinding PCC shall be M-15.

18- Reinforcement yield strength fy shall not be less that ( 2500kg/cm2 ).

MASONRY WORKS:

1 - Plum / Mass air - entraining concrete shall contain a maximum of 40% stone with a

maximum stone size as 20cm.

The concrete ratio shall be M-20.

2 - Stone for mass concrete, Stone masonry, Gabion and grouted stone pitching should

be of good quality and approved by Engineer.

3 - All grouted stone pitching in stilling basin and foundations should be with ratio of (

1:3 ).

4 - All masonry cutoff wall shall be with ( 1:3 ) Cement sand mortar or as specified on

the drawing.

EARTH WORKS:

1 - Backfilling material should be properly tested and selected to be suitable as per

standard practice.

2 - For backfilling maximum thickness of each loose soil layer should not more than

15cm. According to general specification.

3 - Standard compaction tests should be carried out for the backfilling.

4 - The percentage of compaction should be not less than 95% of the maximum dry

density of selected material by the Engineer.

Pipe:

1 - Pipe 63 mm with all laying and fitting

2- Pipe 50 mm with all laying and fitting

3- Pipe 40 mm with all laying and fitting

OTHERS:

1 - Bitumen coating should be used in all contraction / Expansion joints.

2 - All quality control field tests should be carried out by the contractor in a specified

laboratory as accepted by the client.

3 - Construction joints for PCC and masonry walls should be provided as ( 15 - 20m )

center to center.

4- All diversions and flood protection works is contractor responsibility, According to

general item of bill of quantity.

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**A diagram of a solar system

Description automatically generated**

**A blueprint of a building

Description automatically generated**

**A diagram of a square with text

Description automatically generated with medium confidence**

**A drawing of a house

Description automatically generated**

**A diagram of a blueprint

Description automatically generated**

**A diagram of a building

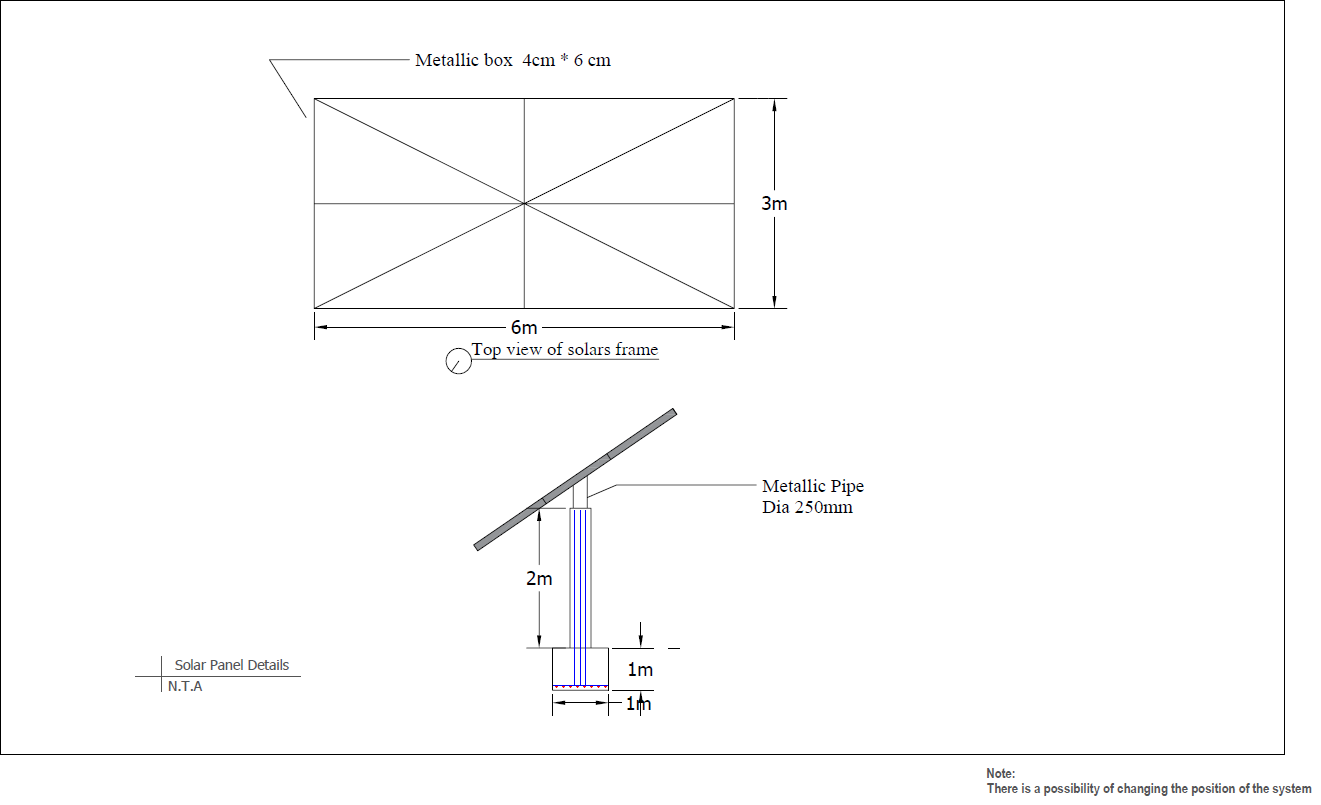
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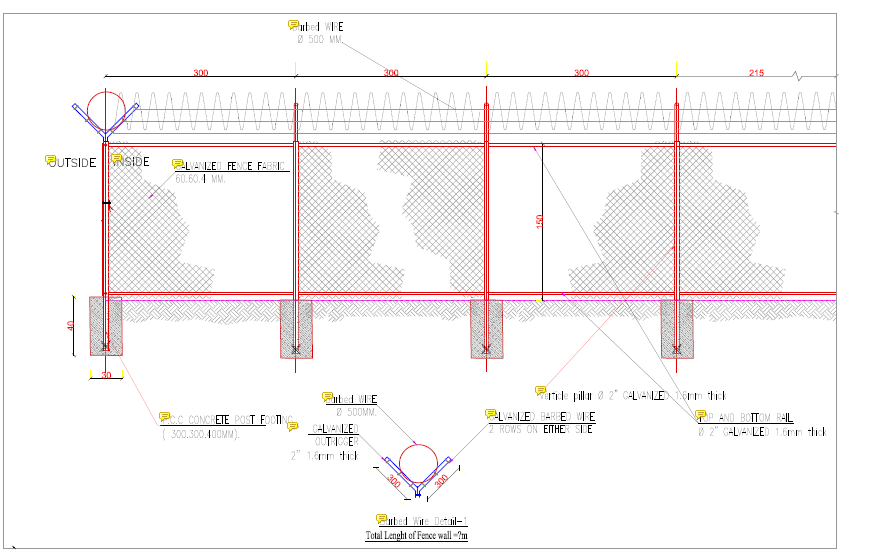
**A diagram of a building

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**A drawing of a building

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**Guidance to the Bidders.**

* Conducting all necessary site and laboratory tests, including tests for concrete, steel, and pipes.
* Conducting pump tests and developing wells through air compressor is mandatory.
* Obtaining approval from the Ministry of Rural Rehabilitation and Development (MRRD) for pipes, pumps, solar panels, inverters, and all RO components is the responsibility of contractor. Even if a contractor is selected from Herat or Badghis, confirmation should be obtained from Kabul, since the related department is located in MRRD in Kabul. Any expense related to this will be the sole responsibility of the contractor.
* Ensuring that scaffolding and de-shuttering activities adhere to engineering codes, with specific timelines of 24 hours for columns, 7 days for beams, and 14 days for slabs.
* Coordinating with NRC staff for inspection and verification of all steel bars prior to any concrete casting.
* The contractor is liable to provide all necessary staff, equipment and materials at work site along with hiring a qualified site engineer for the purpose of smooth implementation of the project.
* Prioritizing the safety of workers on the site and avoiding hiring under-aged workers should be considered seriously.
* PPE materials should be considered for all site workers.
* All RO related components and spare parts should have CE/ international standard certificate with performance guarantee, and all parts of the RO system should be installed by expert and professional laborers.
* Throughout the concrete casting if mixture is required should be added, any failure due to weather condition is not accepted by NRC.
* Sand or fine aggregate shall be free from salt, Alkali, Calcium sulphate or Vegetation and it shall not contain more than 0.5 percent by weight clay.
* Aggregate: - Coarse aggregate shall consist of crushed gravel with the maximum size of 20mm.
* Water used for concrete mixture and concrete curing shall be from a source approved by the Engineer and at the time of use shall be free from contaminants.
* Unsuccessful Well:

NRC will compensate 50% of the cost if the bore well doesn’t provide the demanded/desired water (Minimum 1.2 Lit/Sec). The company will start digging another well after the new site is selected by NRC.

NRC is not responsible to cover any costs if the well is not dug vertical or failing NRCs recommendation.

Water to be clean and clear: if the output water from the well is not clear enough due to inappropriate filter, Gravel filling etc. this will also be considered as unsuccessful digging (NRC pays 50% of the actual work done). The water will be examined after 48 hours for the first time. If the water is still not clear and enough clean (Turbidity <5 NTU), the well will be declared as unsuccessful well.

* Compacting should be done by using concrete vibrator at the time of pouring in such a way to form a solid compact concrete.

**SECTION 5**

**Bidding Form**

**Please provide information against each requirement.**

Additional rows can be inserted for all questions as necessary. If there is insufficient space to complete your answer in the space provided, please include on a separate attachment with a reference to the question.

1. **Bidder’s General Business Details**
2. **General information**

|  |  |
| --- | --- |
| **Company name:** |  |
| **Any other trading names of company:** |  |
| **Registered name of company (if different):** |  |
| **Nature of primary business/trade:** |  |
| **Primary contact name:** |  |
| **Job title:** |  |
| **Phone:** |  |
| **Email:** |  |
| **Registered Address:** |  |
| **Business licence number:** |  |
| **Country of registration** |  |
| **Registration date:** |  |
| **Expiry date:** |  |
| **Legal status of company (eg. partnership, private limited company, etc.)** |  |

1. **Owners/Managers**

Please fill in the below table with the full names, title / position, the year of birth, and the country of birth of the company’s owner(s) and manager(s)\*:

|  |  |  |  |
| --- | --- | --- | --- |
| **Full Name** | **Title / Position** | **Birth Year** | **Birth Country** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

*\* Please note this information is necessary in order to conduct the vetting procedure referred to in clause 26 of the Invitation to Bid-General Terms and Conditions. Owners and managers include but are not limited to Chief Executive Officer, Chief Operating Officer, Chair of the Board, Executive Director, Director, Manager.*

1. **Employees**

Please list the employees who would be involved with NRC in the event of contract award:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Employee name** | **Job title** | **Role on NRC project** | **Phone** | **Email** |
| 1. |  |  |  |  |
| 2. |  |  |  |  |
| 3. |  |  |  |  |
| … |  |  |  |  |

1. **Company bank account details:**

|  |  |  |
| --- | --- | --- |
| Beneficiary name: |  |  |
| Beneficiary account no.: |  |  |
| Beneficiary Bank: |  |  |
| Bank branch: |  |  |
| SWIFT: |  |  |
| IBAN: |  |  |
| Bank address: |  |  |

1. **References**

Please provide details of at least 3 client references whom NRC may contact, preferably from NGOs and UN agencies, for similar related works:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Client/company name** | **Contact person** | **Phone** | **Email** | **Contract details (works, location, size, value, etc)** |
| 1. |  |  |  |  |
| 2. |  |  |  |  |
| 3. |  |  |  |  |
| … |  |  |  |  |

1. **Equipment**

Please provide details of any relevant machinery/equipment/vehicles owned by the company that would potentially be used for construction: (do not mention rented items):

|  |  |
| --- | --- |
| **Type of machinery/ equipment/ vehicles** | **Quantity** |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |
| 6. |  |
| … |  |

1. **Defects Liability/Guarantee Period**

Please provide details below of the defect liability and guarantee period you offer on the works included in this contract:

|  |
| --- |
|  |

1. **Bid Validity**

Please confirm the validity of your bid below (90 calendar days):

|  |
| --- |
|  |

1. **Confirmation of Bidder’s compliance**

We, the Bidder, hereby certify that our tender is a genuine offer and intended to be competitive and we confirm we are eligible to participate in public procurement and meet the eligibility criteria specified in the Invitation to Bid. We confirm that the prices quoted are fixed and firm for the duration of the validity period and will not be subject to revision or variation.

We, the Bidder confirm the documents attached to this offer are those validated by us in the Section 2 Paragraph 6 . Bidder's checklist.

We understand that NRC is not bound to accept the lowest, or indeed any bid, received.

We agree that NRC may verify the information provided in this form itself or through a third party as it may deem necessary.

**We confirm that NRC may in its consideration of our offer, and subsequently, rely on the statements made herein.**

|  |  |
| --- | --- |
| Name of Signatory: | Tel N°: |
| Title of Signatory: | Name of Company: |
| Signature & stamp: | Date of Signing: |
| Address: |

**SECTION 6**

**Work Schedule**

Attach the work schedule here:

Schedule to include:

* + - 1. Duration of each sub-activity

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S/NO** | **Activity Descriptions** | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** | **Week 13** | **Week 14** | **Week 15** | **Week 16** | **Week 17** | **Week 18** | **Week 19** | **Week 20** |
| 1 | Site Preparation & Mobilization: to clean site from all existing materials. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | Excavation of ordinary soil-type three area and wall foundation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Back filling with gravelling according to the drawings and specifications. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Provide and installation of solar system including pump, solar panels, inverter, stand and all other accessories. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Provide and installation of Fence and Security Gate |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Digging of Bore well using 16 inch Casing with all needed works. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Providing and Installation of PVC Pipe 8 inch diameter Class D best Quality |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | RCC work for reservoir and other RCC components - M200 (1:1.5:3) with all necessary tests. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | PCC (M-150, 1:2:4): with all necessary tests. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | Stone masonry 1:5: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | Brick Masonry of Room Walls with thickness 30 cm with gypsum & roof sloping |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Painting and plastering |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 | Crashed gravel: Pouring of Crash Gravel in the project area and leveling |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | Isolation: Isogam with best quality (4-4.2) kg/m2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Drain pipes, Gate valve , outlet pipe , inlet pipe and taps |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Construction of the ceiling of the guard room with Girder |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | Signboard: Stone signboard with concrete base with best quality |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | Provide and installation of solar & hybrid system in the project with stand and all necessary activities. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | Handrail & Stairs for elevated reservoir and stair for distribution reservoir. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 | Provide and installation of Doors and windows for the project |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 | Supply and installation of R.O. Sysem plus Ultera Filtration unit and US memberan having Output of purifinng 3000 Lilter/hr |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

3. Detailed list of proposed **Personnel/Manpower** involved in the activities (e.g. engineers, site supervisors, foremen, masons, carpenters, plumbers, unskilled labors, etc.) with an estimate of the total man-day completed by each of the skills.

The Submission of the Manpower shall follow the below simple format:

|  |  |  |
| --- | --- | --- |
| **#** | **Proposed Personnel/Manpower** | **# of workers allocated to this project** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| … |  |  |

**NOTE**: The list shouldn’t be limited to this Form in regards to the number of proposed Key Personnel.

A comprehensive list has to be submitted adapting the Form to the necessary rows.

**SECTION 7**

**Company Profile and Previous Experience**

The Bidder is requested to:

1. Submit the **Company Profile**
2. Complete the following **Previous Experience** **Table** listing the work or contracts undertaken in the past 5 years similar to the works required under this contract
3. Submit **evidences of previous experience** in form of Contracts, Completion Certificates, Handover Documents etc.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Name of Project / Type of work** | **Total value of the performed works (.....)** | **Duration of the works contract** | **Starting date** | **Ending date** | **Contracting Authority / Contact person / Phone / Email** |
| **1** |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |
| **5** |  |  |  |  |  |  |
| **…** |  |  |  |  |  |  |

**NOTE**: The list shouldn’t be limited to this Form in regards to the number of works reported. A comprehensive list of the last 5 years’ experience has to be submitted adapting the Form to the necessary row

NRC may conduct reference checks for previous contracts completed

**SECTION 8**

**Bill of Quantities**

**Preamble to Bill of Quantities**

* NRC has the faculty to contract all or part of the requested supply and works, according to budget availability;
* The supply and works should be the best available in the market;
* The Bidder should submit supporting documents concerning the proposed construction materials and works (i.e. catalogues, models, brands, drawings, technical documentation, technical specifications, etc. of the offered items);
* All the materials to supply and the works to execute must be approved by the NRC Representative, prior to delivery and execution.
* Costs must include all duties, taxes and other levies payable by the contractor under the contract and all mobilization costs specified in section 3.

**NOTE:**

**NRC needs to know the brand of material and equipment that will be used in this project (MANDATORY) NRC Might reject bid if this information is not provided.**

**INFO regarding Borewell – For Failed borewell, NRC pays/compensates half for the agreed values (this will be further discussed with the selected bidder)**

**Please read Section 4 very carefully before preparing the Submission documents.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S/NO شماره | Activity Descriptions | شرح فعالیت ها | A logo with white text  Description automatically generated  Unit واحد | Quantity مقدار | Cost/Unit (Afs.) قیمت واحد به افغانی | Total Cost (Afs.)  قیمت کل به افغانی | | **Brand of material, equipment to be used**  **MANDATORY** | |
| 1 | Site Preparation: to clean site from all existing materials. | آماده سازی ساحه: برای پاکسازی ساحه از تمام مواد موجود | M2 | 400.00 |  |  | |  | |
| 2 | Excavation: In ordinary soil-type three, excavation will be take place for different types of structure as per drawing and specification and removing excavating materials from the site and not reusing them | کندنکاری : در خاک معمولی نوع سه، برای انواع مختلف سازه طبق نقشه و مشخصات، کندنکاری صورت میگیرد. دور ساختن مواد کندن کاری شده از ساحه و عدم استفاده مجدد از آنها | M3 | 33.00 |  |  | |  | |
| 3 | Back filling with gravelling according to the drawings and specifications. | پر کاری (بک فیلینگ) با سنگ ریزه طبق نقشه ها و مشخصات. | M3 | 6.00 |  |  | |  | |
| 4 | 2" Submersible Water Pump: 4SR8/13; 2.2kW; 3HP 8m3/h at head 60m Pedrolla Made in Italy with min 2 years warranty with best Quality | پمپ آب شناور 2 اینچی: 4SR8/13؛ 2.2 کیلووات؛ 3 اسب بخار 8 متر مکعب در ساعت در سر 60 متر Pedrolla ساخت ایتالیا با حداقل 2 سال گارانتی با بهترین کیفیت | No | 1.00 |  |  | |  | |
| 5 | Wire 4\*4mm2 for submersible pump with best quality | سیم 4\*2mm4 برای پمپ شناور با بهترین کیفیت | m | 70.00 |  |  | |  | |
| 6 | Pump Controller Vacan IP68 4Kw 380V with best quality | کنترلر پمپ Vacan IP68 4Kw 380V با بهترین کیفیت | No | 1.00 |  |  | |  | |
| 7 | Solar panels:(For pump water from the well)270 Watt, TOMMATECH , LORENTZ, GRUNDFOS, POLYCRYSTALLINE Model Made in Germany with name and seriel number under the glass layer of solar panels. all solar panels specification including serial numbers must be confirmed by the companies which produce solar panels officially.Specifications:Nominal Operating Cell Temp: (-40⁰C)-(+85⁰C)Peak power (P max): 270WattModule Efficiency: 16.47%Maximum Power Voltage: 31VMaximum Power current: 8.71AOpen Circuit Voltage: 38.0VShort Circuit Current: 9.21ACells per module: 60(6\*10)Panel Dimension: 1648\*995\*35mmMax.Wind/Snow Load: 2400/5400PaWeight: 18kg Performance to 10 years (min 90% power output), Performance to 25years (min 80% power output), must be confirmed by producer company, Visible lable on solar panel with technical specification and best quality | "پنل های خورشیدی: (برای پمپاژ آب از چاه)270 وات، TOMMATECH، LORENTZ، GRUNDFOS، مدل POLYCRYSTALLINE ساخت آلمان با نام و شماره سریال زیر لایه شیشه ای پنل های خورشیدی. تمام مشخصات پنل های خورشیدی از جمله شماره سریال باید توسط شرکت هایی که به طور رسمی پنل های خورشیدی تولید می کنند تأیید شود.مشخصات فنی:دمای اسمی سلول عامل: (-40⁰C)-(+85⁰C)حداکثر توان (P max): 270 واتراندمان ماژول: 16.47%حداکثر ولتاژ برق: 31 ولتحداکثر جریان برق: 8.71 آمپرولتاژ مدار باز: 38.0 ولتجریان اتصال کوتاه: 9.21 آمپرسلول در هر ماژول: 60 (6\*10)ابعاد پانل: 1648\*995\*35mmحداکثر بار باد/برف: 2400/5400 پاسکالوزن: 18 کیلوگرمکارایی تا 10 سال (حداقل 90 درصد توان خروجی)، کارایی تا 25 سال (حداقل 80 درصد توان خروجی)، باید توسط شرکت تولیدکننده تایید شود، قابل مشاهده بر روی پنل خورشیدی با مشخصات فنی با کیفیت عالی. | No | 8 |  |  | |  | |
| 8 | Wire 2\*6mm2 for solar with best quality | سیم 6\*2mm2 برای سولر با کیفیت عالی | m | 90.00 |  |  | |  | |
| 9 | Maintenance box for inverter Switch with best quality | جعبه تعمیر و نگهداری برای کلید اینورتر با کیفیت عالی | No | 1.00 |  |  | |  | |
| 10 | Pipe 63mm OD, HDPЕ 100, РN-10, Thickness 3.8mm & Weight 0.721kg/m | لوله 63 میلی متر OD، HDPЕ 100، РN-10، ضخامت 3.8 میلی متر و وزن 0.721 کیلوگرم بر متر | m | 90.00 |  |  | |  | |
| 11 | Plastic Rope | طناب پلاستیکی | m | 70.00 |  |  | |  | |
| 12 | Supply and Installation Metalic Stand for solar panels (150 Kg weight), able to be rotated manually with 2 layer of paiting with best quality | تهیه و نصب پایه فلزی(وزن 150 کیلو گرمی) سولر پنل ها با امکان چرخش همراه با دو لایه رنگ با بهترین کیفیت | kg | 150.00 |  |  | |  | |
| 13 | Well Probe Sensor with best quality | سنسور کاوشگر خوب با بهترین کیفیت | No | 1.00 |  |  | |  | |
| 14 | Float Switch (Mechanical Device for tank water level detection) with best quality | سوئیچ شناور (دستگاه مکانیکی برای تشخیص سطح آب مخزن) با بهترین کیفیت | No | 1.00 |  |  | |  | |
| 15 | ground rod with copper cable with best quality | میله زمین با کابل مسی با بهترین کیفیت | set | 1.00 |  |  | |  | |
| 16 | Fence and Security Gate: Chain link fence fabric need to be zink-coated galvanazed steel, gauge 9 wire woven in 50mm mesh, Fabric beed to be twisted and barbed at the top slevage and knuckled at the bottom. - Post need to be Zink coated GI pipes, the dimesnions are as per drawings, posts shall be straight and plumb within a vertical tolerance of 6mm after streching the fabric with best quality | حصار و دروازه امنیتی: پارچه نرده زنجیره ای باید از فولاد گالوانیزه با روکش روی، سیم گیج 9 بافته شده در مش 50 میلی متری، پارچه پارچه ای که در قسمت بالا تاب خورده و خاردار شود و در پایین بند باشد. - پست باید لوله‌های GI با روکش روی باشد، ابعاد آن مطابق نقشه‌ها است، پست‌ها باید مستقیم و شاقول با تحمل عمودی 6 میلی‌متر پس از کشش پارچه باشند با باهرین کیفیت | m | 80.00 |  |  | |  | |
| 17 | Digging of Bore well using 16 inch Casing including all  transportation, Food, and labor cost.  (Samples should be collected from each one meter layer) (Well Development test including Pump test-8hours, Compressor test-6hours) | حفر چاه با استفاده از پوشش 16 اینچی شامل همه هزینه های حمل و نقل، غذا و نیروی کار  (از هر لایه یک متری نمونه برداری شود) (تست توسعه چاه شامل تست پمپ 8 ساعت، تست کمپرسور 6 ساعت)" | m | 35.00 |  |  | |  | |
| 18 | Providing and Installation of PVC Pipe 8 inch diameter Class D best Quality  (12 pressure Gold/Super Afghan made in Herat or Similar)  using Clamp as per Direction of NRC WASH Engineer | تهیه و نصب لوله پی وی سی قطر 8 اینچ کلاس D با بهترین کیفیت  (طلا 12 فشار/سوپر افغان ساخت هرات یا مشابه)   با استفاده از گیره طبق دستورالعمل مهندس NRC WASH | m | 20.00 |  |  | |  | |
| 19 | Providing and Installation of PVC Screening filtered casing Pipe 8 inch diameter  Class D best Quality (12 pressure Gold/Super Afghan made in Herat)  including Filtered pipe, Clamp as per Direction of NRC WASH Engineer | تهیه و نصب لوله های فیلتردار اسکرینینگ پی وی سی به قطر 8 اینچ   درجه D بهترین کیفیت (طلا 12 فشار/سوپر افغان ساخت هرات)   از جمله لوله فیلتر شده، گیره طبق دستورالعمل مهندس NRC WASH | m | 15.00 |  |  | |  | |
| 20 | River Gravel (5-10 mm), | شن رودخانه (5-10 میلی متر)، | m3 | 4.00 |  |  | |  | |
| 21 | Backfilling of Casing Pipe with soft Clay without any gravel | بک پر کردن لوله پوششی با خاک رس نرم و بدون سنگریزه | M3 | 2.00 |  |  | |  | |
| 22 | RCC- M200 (1:1.5:3) Crushed gravel must be used, and curing must be continued up to one month, and all site engineer advicess must be considered.(with Slamp Test,Temprature test and pressure test) | در ترکیب کانکریت سیخ دار باید از ماسه خرد شده استفاده شود و عمل آوری باید تا یک ماه ادامه یابد و تمام توصیه های انجینر ساحه باید در نظر گرفته شود(با انجام تست های سلمپ ، حرارت و فشار). | M3 | 32.80 |  |  | |  | |
| 23 | PCC (M-150, 1:2:4): The PCC work is for placement under the collecting stand according to the drawing considering the shuttering needs, using cement sand mortar base on given specifications.  • Curing should be done for minimum 7 days.(with Slamp Test,Temprature test) | PCC (M-150, 1:2:4): کار PCC برای چسباندن زیر پایه جمع‌آوری مطابق نقشه با در نظر گرفتن نیاز کرکره‌ای با استفاده از ملات ماسه سیمان بر اساس مشخصات داده شده است. • عمل آوری باید حداقل به مدت 7 روز انجام شود با اجرای تست سلمپ و حرارت. | M3 | 27.00 |  |  | |  | |
| 24 | Stone masonry 1:5: Providing and laying stone masonry with (35-40) % cement sand mortar 1:5, and it must include all good stone construction specification and site engineer satisfaction. | سنگ کاری 1:5: تهیه و اجرای سنگ کاری با (35-40) درصد ملات ماسه سیمان 1:5 و باید شامل کلیه مشخصات سنگ ساختمانی خوب و رضایت انجینر ساحه باشد. | M3 | 60.00 |  |  | |  | |
| 25 | Brick Masonry of Room Walls with thickness 30 cm | خشت کاری دیوار های اتاق ها با ضخامت 30 سانتی متری | m3 | 27.14 |  |  | |  | |
| 26 | Gypsum | گچ کاری | m2 | 36.00 |  |  | |  | |
| 27 | Roof Sloping using appropriate materials | شیب بندی سقف با استفاده از مصالح مناسب | m3 | 3.00 |  |  | |  | |
| 28 | Painting: The work should be get done in proper way as per drawing and specification any input of the site engineer 2 layers of paint using white color | رنگمالی: کار باید طبق نقشه و مشخصات طبق هدابات انجینر ساحه به روشی مناسب انجام شود  دو لایه رنگ به رنگ سفید | m2 | 200.00 |  |  | |  | |
| 29 | Plastering with cement-sand M:1:3 best materials and water | پلستر کاری مارک (1:3) بهترین مواد و آب | m2 | 150.00 |  |  | |  | |
| 30 | plastering inside the reservoirs (walls, base, ceilling) with cement-sand-padlow powder M:1:3 best materials and water | پلستر کاری داخلی( کف ، دیوارها و سقف) با پودر ضد نفوذ آب با مارک (۱:۳) بهترین مواد و آب | m2 | 110.00 |  |  | |  | |
| 31 | Crashed gravel: Pouring of Crash Gravel in the project area and leveling | پرکاری داخل صحن پروژه و لیول کاری آن | m3 | 30.00 |  |  | |  | |
| 32 | Isolation: Isogam with best quality (4-4.2) kg/m2 | ایزوگام با بهترین کیفیت (4-4.2) کیلوگرام بر متر مربع | m2 | 40.00 |  |  | |  | |
| 33 | Drain pipe GI-pipe 2 1/2" with best quality | لوله تخلیه آب باران GI-pipe 2 1/2" با بهترین کیفیت | m2 | 6.00 |  |  | |  | |
| 34 | Gate Valve2 1/2" stainless steel with best quality | گیت وال 2 1/2 اینچ از فولاد ضد زنگ با بهترین کیفیت | No | 2.00 |  |  | |  | |
| 35 | Outlet pipe: GI-pipe 2 1/2" Outlet Pipe with best quality | پایپ خروجی2 1/2 اینچ GI با بهترین کیفیت | m | 6.00 |  |  | |  | |
| 36 | Over flow:GI-pipe 2" over flow pipe with best quality | پایپ جریان افزایشی 2 انیچ GI با بهترین کیفیت | m | 16.60 |  |  | |  | |
| 37 | Inlet pipe;GI-pipe 2" Inlet Pipe with best quality | پایپ ورودی 2 اینچ GI با بهترین کیفیت | m | 6.00 |  |  | |  | |
| 38 | Stainless steel tap with best quality | شیردهن استیلی ضد زنگ با بهترین کیفیت | No | 5.00 |  |  | |  | |
| 39 | Dwon pipe GI 2" with all the connection fitting with best quality | لوله دوون لوله تخلیه آب باران 2 اینچ GI با تمام اتصالات آن با بهترین کیفیت | Ls | 1.00 |  |  | |  | |
| 40 | Construction of the ceiling of the guard room with Girder with best quality made in Pakistan and best quality brick (I Beam 14/127kg/12m) with best quality | ساخت سقف با تیرچه آهن با بهترین کیفیت ساخت پاکستان و خشت با بهترین کیفیت (I Beam 14/127kg/12m) | m2 | 9.00 |  |  | |  | |
| 41 | Signboard: Stone signboard with concrete base with best quality  (The length and height of the signboard panel should be 1 x 0.5 meters) | ساین بورد سنگی با تهداب کانکریتی با بهترین کیفیت (طول و ارتفاع تابلو باید 1\*0.5 متر باشد) | Ls | 1.00 |  |  | |  | |
| 42 | Solar panels:(For RO System) 270 Watt, TOMMATECH , LORENTZ, GRUNDFOS, POLYCRYSTALLINE Model Made in Germany with name and seriel number under the glass layer of solar panels. all solar panels specification including serial numbers must be confirmed by the companies which produce solar panels officially. Specifications: Nominal Operating Cell Temp: (-40⁰C)-(+85⁰C) Peak power (P max): 270Watt Module Efficiency: 16.47% Maximum Power Voltage: 31V Maximum Power current: 8.71A Open Circuit Voltage: 38.0V Short Circuit Current: 9.21A Cells per module: 60(6\*10) Panel Dimension: 1648\*995\*35mm Max.Wind/Snow Load: 2400/5400Pa Weight: 18kg  Performance to 10 years (min 90% power output), Performance to 25years (min 80% power output), must be confirmed by producer company, Visible lable on solar panel with technical specification and best quality. | پانل های خورشیدی: (برای سیستم RO) 270 Watt, TOMMATECH , LORENTZ, GRUNDFOS, POLYCRYSTALLINE مدل ساخت آلمان با نام و شماره سریال زیر لایه شیشه ای پنل های خورشیدی. تمام مشخصات پنل های خورشیدی از جمله شماره سریال باید توسط شرکت هایی که به طور رسمی پنل های خورشیدی تولید می کنند تأیید شود. مشخصات فنی: دمای اسمی سلول عامل: (-40⁰C)-(+85⁰C) حداکثر توان (P max): 270 وات راندمان ماژول: 16.47% حداکثر ولتاژ برق: 31 ولت حداکثر جریان برق: 8.71 آمپر ولتاژ مدار باز: 38.0 ولت جریان اتصال کوتاه: 9.21 آمپر سلول در هر ماژول: 60 (6\*10) ابعاد پانل: 1648\*995\*35mm حداکثر بار باد/برف: 2400/5400 پاسکال وزن: 18 کیلوگرم عملکرد تا 10 سال (حداقل 90 درصد توان خروجی)، کارایی تا 25 سال (حداقل 80 درصد توان خروجی)، باید توسط شرکت تولیدکننده تأیید شود، قابل مشاهده بر روی پنل خورشیدی با مشخصات فنی و با کیفیت عالی. | No | 42.00 |  |  | |  | |
| 43 | Supply and Installation 2 Metalic Stand for solar panels (150 Kg weight), able to be rotated manually  with 2 layer of painting | تهیه و نصب 2 پایه فلزی(وزن 150 کیلو گرمی) سولر پنل ها با امکان چرخش همراه با دو لایه رنگ | KG | 300.00 |  |  | |  | |
| 44 | Hybrid 7.5 Kw with 6 months guarantee with best quality | هیبرید 7.5 کیلووات با 6 ماه گارانتی با بهترین کیفیت | No | 1.00 |  |  | |  | |
| 45 | Cable 3\*10mm2 with best quality | با بهترین کیفیت3\*10mm2 کیبل | m | 10.00 |  |  | |  | |
| 46 | Handrail & Stairs for elevated reservior and stair for distribution reservior with best quality | نرده و پله برای مخزن مرتفع و پله برای مخزن توزیع با بهترین کیفیت | m | 30.00 |  |  | |  | |
| 47 | Glasses for Doors and Windows of Machine room and Guard room with best quality | شیشه درب و پنجره اتاق ماشین آلات و اتاق نگهبانی با بهترین کیفیت | m2 | 3.62 |  |  | |  | |
| 48 | Metal Doors and Windows for Machine room and Guard room (steel sheet 18 kgr/plate 1.2mm and zever 20 kgr 2.5 mm) with 2 layer of paiting with best quality | درب و پنجره فلزی اتاق ماشین آلات و اتاق نگهبانی (ورق استیل 18 کیلوگرم بر صفحه 1.2 میلی متر و زور 20 کیلوگرم 2.5 میلی متر) با 2 لایه رنگ آمیزی با بهترین کیفیت | Kg | 100.00 |  |  | |  | |
| 49 | galvanized Steel ciol/sheet Hot rolled with thickness of 1.5 mm (iso 9001-2008,SGS,CE,BV) for cover of elevated reservior GI pipe with best quality | فولاد گالوانیزه سیول/ورق نورد گرم با ضخامت 1.5 میلی متر (iso 9001-2008,SGS,CE,BV) برای کاور کردن لوله GI مخزن مرتفع با بهترین کیفیت | m2 | 8.50 |  |  | |  | |
| 50 | Slogan painting , Logos and visibility message | نقاشی شعار، لوگو و پیام قابل مشاهده | Ls | 1.00 |  |  | |  | |
| 51 | Steel Cover Box for Well, Elevated reservoir ,valve box and ground reservoir  with best quality | جعبه پوشش فولادی برای چاه، مخزن مرتفع، جعبه شیر و مخزن زمین با بهترین کیفیت | No | 4.00 |  |  | |  | |
| 52 | Metal ladder for elevated reservior and distribution reservior from GI 1 1/2" (3m for each reservior) with best quality | زینه فلزی برای مخزن مرتفع و مخزن توزیع از GI 1 1/2" (3 متر برای هر مخزن) با بهترین کیفیت | m | 6.00 |  |  | |  | |
| 53 | Gutter 5\*7 cm for machine room and guard room with best quality | ناودان 7\*5 سانتی متر برای اتاق ماشین و اتاق نگهبانی با بهترین کیفیت | m | 12.00 |  |  | |  | |
| 54 | Supply of RO (Reverse Osmosis) system 3000L/ Hour capacity with installation (Frame Stainless steel, feed pump and pressure pump CNP brand made in China, dosing pump made in Italy, electric board membrane filtering made in USA, all pipes and fitting UPVC, UF filter made in Vietnam with pressure gage and digitally TDS. Also, the wiring system from RO system to the electrical resources to activate and RO system. As per following technical specification: 1 High Pressure Pump 2 Pressure Vessel x2 3 Multiport Valve x2 4 Flow Meter x2 5 Pressure Gauche x2 6 Big Blue Hosing 40x3 7 Panel Board Digital                                                                                                                                                8 Membrane Housing 80x80 ing I pec + 80x40  9 Membrane vontron made in USA 3 Pec  10 Row Pump, Dosing Pump  11 Anti-Scalant 20kg 12 Active carbon made in UK 150 kg 13 Crash 150 KG 14 Structure (skid) stainless steel 15 Interconnecting pipeline UPVC 16 380 V50Hz 17 UV 18 Supply and installation of water measuring meter installed on 1-inch size pipe (outlet pipe of RO machine to Reservoir) x1 | تامین سیستم RO (ریورس آزموسیس) 3000 لیتر/ظرفیت برساعت با نصب (فریم فلزی ضد زنگ  پمپ تغذیه و پمپ فشار مارک CNP ساخت کشور چین، دوز پمپ ساخت ایتالیا، فیلترینگ غشایی برد الکتریکی ساخت آمریکا، کلیه لوله ها و اتصالات UPVC، فیلتر UF ساخته شده در ویتنام با فشار سنج و به صورت دیجیتالی، سیستم سیم کشی از سیستم RO به منابع الکتریکی برای فعال شدن و سیستم RO مطابق با مشخصات فنی زیر. 1 پمپ فشار قوی 2 مخزن تحت فشار x2 3 شیرهای چند پورت x2 4 فلومتر x2 5 فشارسنچ x2 6 شیلنگ آبی بزرگ 7 پنل برد دیجیتال 8 محفظه غشایی 80x80 ing I pec + 80x40 9 غشای فونترون ساخت آمریکا 3 Pec 10پمپ  ردیفی، پمپ دوز 11 آنتی اسکالانت 20 کیلوگرم 12 کربن اکتیو ساخت انگلستان 150 کیلوگرم 13 کرش 150 کیلوگرم 14 ساختار (لغزش) فولاد ضد زنگ 15 خط لوله اتصال UPVC 16 380 V50 هرتز 17 UV 18 تامین و نصب کنتور آب نصب شده روی لوله سایز 1 اینچ (لوله خروجی دستگاه RO به مخزن) x1 | Ls | 1.00 |  |  | |  | |
| **Total Estimated Budget مقدار تخمین زده کل بودجه** | | | | | | |  | |  |

**NOTE:**

**NRC needs to know the brand of material and equipment that will be used in this project (MANDATORY) NRC Might reject bid if this information is not provided.**

**INFO regarding Borewell – For Failed borewell, NRC pays/compensates half for the agreed values (this will be further discussed with the selected bidder)**

**NOTE**: In case of discrepancy between BoQs and Drawings, the BoQs will prevail. In case of discrepancy between drawings, the one at larger scale will prevail.

|  |  |
| --- | --- |
| **Prepared by:** |  |
| **Name:** |  |
| **Position:** |  |
| **Signature:** |  |
| **Date:** |  |
| **Stamp:** |  |

**SECTION 9**

Ethical Standards Declaration for all Supply, Service and Works Contractors

We, the undersigned, (‘**we**’, ‘**our**’ or ‘**us**’) **CONSIDERING THAT**:

**FIRST**, we are bidding for, or entering into, a contract with the Norwegian Refugee Council (**NRC**) to supply goods, services or works to NRC (‘**the Contract**’).

**SECOND**, we understand that as a humanitarian organisation, NRC expects its suppliers and contractors to have high ethical standards.

**THIRD**, we understand that NRC therefore needs us to confirm that we adhere to the required ethical standards (‘**the ethical standards**’) by signing this declaration (‘**the Declaration**’).

**THEREFORE**, we **DO HEREBY DECLARE** as follows:

1. **Declaration concerning compliance with applicable laws and these ethical standards**

We declare that we shall:

1. Meet the ethical standards in this declaration (‘ethical standards’)
2. Ensure that any party representing us, including but not limited to:

• board members

• directors

• employees

• contractors or sub-contractors, and their employees

• consultants and sub-consultants, and their employees;

• other legal representatives

(‘our Representatives’) are aware of and comply with these ethical standards.

In the event that we, or our Representatives, do not meet the ethical standards at present, we shall:

1. Explain to NRC in what way we do not currently meet the ethical standards
2. Agree a plan and timeline with NRC to implement changes that allow us to meet the ethical standards
3. Provide regular updates to NRC on the implementation plan.
4. **Declaration concerning status**

We hereby declare that neither we, nor to the best if our knowledge our Representatives, are in any of the following situations:

* 1. Have made an offer, payment, consideration or benefit of any kind, which constitutes illegal or corrupt practice, directly or indirectly, as an inducement or reward in relation to the tendering, awarding or execution of the Contract.
  2. Are involved in any form of fraud, corruption, collusion, coercive practice, bribery, involvement in a criminal organisation or other illegal activity
  3. Are insolvent, in receivership, bankrupt, or being wound up
  4. Have suspended activities
  5. Are subject to legal proceedings related to 2.1
  6. Have at any time been found guilty and sentenced by a court, whether in the country of employment or abroad, for a criminal offence in respect of children or vulnerable adults
  7. Are engaged in:

• terrorism or the material support of terrorism

• the sale or manufacture, either directly or indirectly, of anti-personnel mines or any components produced primarily for the operation thereof

• the sale or manufacture, either directly or indirectly, of weapons

• the production of alcohol, tobacco, or pornography.

1. **Declaration concerning Conflicts of Interest**

We declare that neither we nor, to the best of our knowledge, our Representatives have an undisclosed conflict of interest with NRC, in accordance with [NRC’s Conflict of Interest Policy (the Policy).](https://www.nrc.no/resources/policy-doc/conflict-of-interest-policy/)

Where any potential conflict of interest exists between our Representatives and NRC or any NRC staff member, we shall notify NRC in writing of the potential conflict using [Form F in the Policy](https://www.nrc.no/resources/policy-doc/conflict-of-interest-policy/). We understand that the Policy and the Form is available on [NRC’s website](https://www.nrc.no/resources/policy-doc/conflict-of-interest-policy/) or that we can contact the NRC Procurement focal point, as mentioned in the tender documentation. NRC shall then determine whether action is required.

A conflict of interest can be due to a relationship with an NRC staff member such as family or friends.

We understand that if we fail to report a potential conflict of interest and are later found to have a conflict of interest, we may be removed from the NRC vendor database.

1. **Declaration concerning compliance with national law**

We declare that we and, to the best of our knowledge, our Representatives:

* 1. comply with all applicable laws and regulations in effect in the country or countries where the Contract will be carried out.
  2. comply with all applicable export laws concerning the country or countries where the Contract will be carried out.
  3. are registered with the relevant government authority with regard to taxation for the duration of the Contract.
  4. pay taxes according to all applicable national laws and regulations for the duration of the Contract.

1. **Declaration concerning compliance with labour standards**

We declare that we and, to the best of our knowledge, our Representatives:

We declare that we and, to the best of our knowledge, our Representatives comply with applicable national labour law standards and the International Labour Organisation Declaration on Fundamental Principles and Rights at Work.

Specifically, we declare that we and, to the best of our knowledge, our Representatives comply with the following minimum labour standards:

* 1. Working Conditions

1. All workers receive a contract of employment that is written in a language they understand.
2. All workers are free to leave after giving reasonable notice.
3. All workers have the right to join or form trade unions of their own choosing and to bargain collectively.
4. No worker is required to lodge ‘deposits’ or identity papers or immigration documents in order to obtain employment.
   1. Wages and benefits
   2. Wages and benefits paid for a standard working week meet, at a minimum, national legal standards or industry benchmark standards, whichever is higher. Wages are always sufficient to meet basic needs.
   3. No deductions from wages are made as a disciplinary measure.
   4. Working time
   5. Working hours comply with national laws and benchmark industry standards, whichever affords greater protection. Whenever possible working hours do not exceed 48 hours per week (8 hours per day).
   6. Workers are provided with at least one day off for every 7-day period.
   7. Health and safety
   8. Steps are taken to prevent accidents and injury to health arising out of, associated with, or occurring in, the course of work, by minimizing, so far as is reasonably practicable, the causes of hazards inherent in the working environment.
   9. Workers receive regular and documented health and safety training, and such training is repeated for new workers.
   10. Workers have access to clean toilet facilities and to potable water, and, if appropriate, sanitary facilities for food storage is provided.
   11. Accommodation, where provided, is clean, safe and adequately ventilated.
   12. Discrimination and abuse
   13. No worker is forced, bonded or an involuntary prison worker.
   14. There is no discrimination at the workplace based on ethnic background, religion, age, disability, gender, marital status, sexual orientation, union membership or political affiliation.
   15. Measures are in place to protect workers from sexually intrusive, threatening, insulting or exploitative behaviour, and from discrimination or termination of employment on unjustifiable grounds, e.g. marriage, pregnancy, parenthood or HIV status.
   16. Physical abuse or punishment, or threats of physical abuse, sexual or other harassment and verbal abuse, as well as other forms of intimidation, are prohibited.
   17. Persons under 18
5. No persons under the age of 18 shall be engaged in work which is hazardous to their health or safety, including night work.
6. The working hours and nature of work of any worker who is under the age of 18 shall not interfere with their opportunity to complete his or her education.
7. **Declaration concerning the environmental standards**

We declare that we and, to the best of our knowledge, our Representatives comply with applicable national environmental law standards and with international environmental standards, to the greatest extent possible.

Specifically, we declare that we and, to the best of our knowledge, our Representatives adhere to the following standards:

* 1. We respect national and international environmental legislation and regulation.
  2. We ensure that production and extraction of raw materials for production does not contribute to the destruction of the resources and income base for marginalised populations, such as in claiming large land areas or other natural resources on which these populations are dependent.
  3. We take environmental measures into consideration throughout the production and distribution chain ranging from the production of raw material to the consumer sale. This includes reasonable steps to minimise negative environmental impacts (e.g. emissions, water usage, waste) and to use - where possible - sustainable resources. Local, regional and global environmental aspects shall be considered. The local environment at the production site will not be exploited or degraded by pollution and waste.
  4. We carefully manage hazardous chemicals and other substances in accordance with documented safety procedures.

1. **Declaration concerning protection from sexual exploitation and abuse**

We and, to the best of our knowledge, our Representatives comply with international standards related to protection from sexual exploitation and abuse (PSEA) and sexual harassment.

Specifically, we declare that we and, to the best of our knowledge, our Representatives adhere to the following standards:

* 1. We take sexual misconduct seriously and ensure that any employee found to have carried out sexual misconduct will be subject to disciplinary action.
  2. We will ensure, that none of our employees engage in any sexual activity with persons (adult or child) in relation with this contract regardless of the age of majority or consent locally.
  3. We will ensure that none of our employees produce, procure, distribute or use sexually explicit material in any activities under the Contract or on any sites used under the Contract.
  4. We will ensure that none of our employees will exchange money, employment, goods or services for sex, including sexual favours or other forms of humiliating, degrading, or exploitative behaviour. This prohibition extends to any use of sex trade workers. If any sexual misconduct is found to have taken place, such employees face disciplinary action.
  5. We shall report any incident or complaint of sexual misconduct or child abuse related to the activities carried out under the Contract through NRC’s PSEA and Safeguarding Unit at psea@nrc.no.
  6. We shall report any known or reported sexual relationship between our employees and NRC staff to NRC.

1. **Declaration concerning protection of children**

We declare that neither we nor, to the best of our knowledge, our Representatives are engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child. We commit to upholding international and national laws and policies regarding child safeguarding.

Specifically, we declare that we and, to the best of our knowledge, our Representatives adhere to the following standards:

* 1. We support and protect the complainant, survivors and witnesses of any raised incidents or complaints of sexual misconduct or child abuse.
  2. We will ensure, that our employees will not abuse or exploit children or act in a manner that may place a child at risk of harm.
  3. We will ensure that our employees are not left alone with children.
  4. We will ensure our employees will not ask children for personal contact details without a valid reason to do so.
  5. We listen, to the best of our ability, to children’s views and opinions and treat boys and girls in a manner that is respectful of their rights and dignity during the performance of the Contract.
  6. We shall report any suspicion of child safeguarding concerns through the Complaints and Feedback Mechanism, provided by the NRC contract focal point and at [psea@nrc.no](mailto:psea@nrc.no).

1. **Declaration concerning anti-human trafficking**

We declare that neither we nor, to the best of our knowledge, our Representatives are engaged in trafficking in persons as defined in the protocol to Prevent, Suppress and Punish Trafficking in Persons or the UN Convention against Transnational Organized Crime.

Specifically, we declare that we and, to the best of our knowledge, our Representatives adhere to the following standards:

* 1. We do not solicit persons for the purpose of employment, or offer employment by means of materially false or fraudulent pretences, representations, or promises.
  2. We do not charge employees recruitment fees.
  3. We do not provide or arrange housing for employees that does not meet host country housing and safety standards.
  4. We commit to report any suspected violations of this clause to NRC immediately.
  5. We commit to make our Representatives aware of the trafficking related prohibitions outlined above and share the Global Human Trafficking Hotline Information with them (1-844-888-FREE, [help@befree.org](mailto:help@befree.org)).

1. **General**

We understand that:

* 1. The Declaration will be kept on file for a period of 10 years.
  2. The Declaration will be updated every year or more often as appropriate.
  3. We must inform NRC immediately in the event that there is a change to the Declaration.
  4. NRC may perform checks to verify that the ethical standards are adhered to and shall be granted reasonable access to our premises and to our documentation, computer systems etc, in order to be allowed to do so.
  5. In the event that NRC deem that we fail to meet or are not taking appropriate steps to meet, the ethical standards, NRC may immediately terminate any and all contracts and agreements we have with them and at no cost to NRC.

1. **Requirement to notify NRC**

We shall immediately notify NRC through the Complaints and Feedback Mechanism, provided by the NRC contract focal point if:

* 1. Any allegations of alleged corruption, sexual exploitation or abuse, or child abuse are made against us or, to the best our knowledge, our Representatives, during the Contract, whether relating to the Contract or not.
  2. Any allegations are made, or any changes occur, in relation to any of the declarations made herein

**Signed on our behalf as follows:**

|  |  |
| --- | --- |
| Signature |  |
| Name |  |
| Position |  |
| Date |  |
| Place |  |