REQUEST FOR QUOTATION

Drilling of One Tube Well by Rotary Rig in Kabul Province

Date: September 03, 2020

DACAAR RFQ 72 PRF-709/DANIDA/1801-ROI/RID1.2/KBL-0116/09.2020

Dr. Waqar Ahmed 2000

Sealed offers are invited from qualified companies & individuals for Drilling of One Tube Well by Rotary Rig with Compressor and Pump Test in Kabul Province.

Please use Annex (I) Budget Breakdown for submitting your offers, price must include Government Tax. Use Annex (II), for Tentative Work Plan.

The offers must reach to DACAAR Main Office Logistics Unit located in (Street No. 12, Tanaimi Project, Qala-e-Fathullah - Kabul Province) till 4:00pm September 14, 2020.

The bid opening session will be held on September 15, 2020 at 10:30am in DACAAR Main Office, Kabul Province and the bid winner will be notified shortly after the bid opening session.

Terms and Conditions for the bid

winner/participation

1. 2% Tax will be applicable on the companies (Drilling activities) that have valid business license and 7% Tax will be applicable on the companies that have invalid business license, or on individuals who don't have business license. The concerned amount will be deducted from the contractor as withholding tax and DACAAR will pay that amount to Ministry of Finance, the amount starts from (1 AFN). Please attach copy of your license with your offers.

2. Bid Winner will have to deposit the amount of (100,000 AFN) as a Contract Performance Guarantee and it will be refundable only after successful completion of the contract.

Work Specifications:

1. The wells should be drilled by rotary rig with 14 inches’ diameter drilling bit from the surface to the depth of 200m, depth of the well will be increased or decreased in case of geological condition but the final decision will be taken by DACAAR Hydrogeology/ Technical Staff.

2. The well from the starting to the ending of drilling should not be less than 14 inches drilling bit.

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1. The wells should be drilled by rotary rig with 14 inches’ diameter drilling bit from the surface to the depth of 200m, depth of the well will be increased or decreased in case of geological condition but the final decision will be taken by DACAAR Hydrogeology/ Technical Staff.

2. The well from the starting to the ending of drilling should not be less than 14 inches drilling bit.
The contractor should have the water tanker for circulation of water to the well during drilling and cleaning of well during gravel packing. The water tanker capacity should not be less than 15 cubic meters.

Drilling Rod diameter should be 89 or 100mm.

The contractor should have heavy rod and should be used between drilling rod and drilling bit. The heavy rod should not be less than 1500 Kg.

Casing Pipe and Filter: The contractor must lower casing pipe and screen according to the well lithological layers.

The contractor will be responsible for the cost per meter of gravel pack and the filter

Drilling Rod diameter should be according to the well lithological layers.

The contractor should be entitled for the cost per meter. DACAAR will provide 8 inches E class uPVC pipe and screen (Class-E) according to the well design.

Around the pipe and screen should be filled by impervious clay and 2-6 mm rounded, sorted and washed river gravel according to the well design (cost per meter).

The contractor should take the sample from each meter and put in to the sample box and label of each sample intervals.

The contractor will provide cleaning an outlet during compressor operation for better cleaning and sorting of gravel and sand around the pipe and screen.

Compressor Test: The wells should be cleaned and developed by air Compressor with three inches GI outlet pipe (with joint of Flange) and one inches GI air pipe or PE pipe 32mm (16 Bar- PE 80) (one job) until the water of well completely cleaned from mud, silt and dust. The capacity of compressor should be 12 atmospheres (output of pressure) and should be able to clean and develop the well to the depth of maximum 200m. The development of well means to close and open the gate valve of water pipe outlet during compressor operation for better cleaning and sorting of gravel and sand around the pipe and screen.
14. **Pumping Test** should be performed by electric submersible pump for 6 hours for finding well hydraulic properties, such as static water table, discharge, dynamic (water table) time draw downed time recovery. If the Tube Well produces less than 5 L/s, the contractor should provide electrical submersible pump according to the mentioned Tube Well discharge for pumping test.

The minimum and maximum discharge of pump should be between 5-7 L/s and the pump head should not be less than 200m. The power of generator should be according to the power of water pump and to have stable power during pumping test.

If the Tube Well produces less than 5 L/s, the contractor should provide electrical submersible pump according to the mentioned Tube Well discharge for pumping test.

The contractor should have valve for control of well discharge in during of pumping test.

If the Tube Well produces less than 5 L/s, the contractor should provide electrical submersible pump according to the mentioned Tube Well discharge for pumping test.

The contractor should arrange for Helmet, Safety Shoes, Safety Glass and Leather Glove for Safety of his working team.

16. The contractor should provide hard and soft copies of report for well construction and pumping test

**Note:** Before of lowering casing, screen and gravel packing Contractors should present (all compressor test, pumping test equipment and water tanker)

**CONTRACTOR’S RESPONSIBILITIES:**

1. Start and completion dates for contract shall be according to work plan in Annex II.

2. CONTRACTOR is responsible for logistics cost during shifting / transportation of equipment to the project area.

3. Any breakdown or other delays must be reported to DACAAR as soon as possible.

4. The CONTRACTOR should use river washed sand sorted gravel (2-6mm) for filling around filter. CONTRACTOR is responsible for impermeable material for backfilling of around casing but still confirmation of the field officer is necessary on amount of back filling for

**Contractor’s Responsibilities:**

1. The contractor should provide pumping test equipment in a hard and soft copy.

2. The contractor should have a backup generator according to the power of water pump for ensuring stable power during pumping test.

3. The contractor should ensure that the generated water discharge for pumping test is between 5 to 7 L/s.

4. The contractor should provide a submersible pump according to the mentioned Tube Well discharge for pumping test.

5. The contractor should have a valve for controlling well discharge during pumping test.

6. The contractor should provide a helmet, safety shoes, safety glasses, and leather gloves for safety of his working team.

7. The contractor should provide hard and soft copies of the report for well construction and pumping test.

**Note:** Before lowering casing, screen, and gravel packing, contractors must present all compressor test, pumping test equipment, and water tanker.

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3. The contractor should use river-washed, sand-sorted gravel (2-6mm) for filling around the filter. The contractor is responsible for impermeable material for backfilling of the surrounding casing but still confirmation of the field officer is necessary on the amount of backfilling for
screen and casings, it should be noted that, the cost of Gravel packing is separate, and cost of impermeable materials is separate.

5. The Contractor will be fully responsible for vertical straight bore holes.

6. Where the water table is less than 5 meters then the well should be sealed by impermeable clay to prevent water reaching the top of the filter.

7. If the drilled well provide turbid unsafe water, that is the responsibility of contractor to rectify the problem. Otherwise DACAAR will not pay for well providing turbid water.

8. The contractor does not have the right to make contract with another party.

9. During the back filling, using of heavy machine is prohibited, only shovel should be used.

DACAAR RESPONSIBILITIES:

1. Timely supply of materials from DACAAR field office to the project: materials include 8-inch diameter uPVC Pipes & Filter for lining of the well.

2. DACAAR’s monitoring and water testing representative to be at the site to check the depth of the well to assist the static water table and ensure enough of water column and to test the approximate quality and taste of water.

3. The Locations of the well will be determined by DACAAR only. In case, CONTRACTOR relocates a well without first obtaining DACAAR's written approval then DACAAR will not be liable to make any payment for the well.

4. Payments will be made against receipt of invoice through DACAAR Regional Office in its concerned Province after successful completion of bored well. Verification on well completion is needed from the DACAAR monitoring engineer who is responsible for the project.

5. In case of bad or salty water in the well, the materials for blocking of the well (cement, and stone powder/ impermeable materials, or an equivalent) will be provided by DACAAR and the cost of labour for blocking will be paid by CONTRACTOR.
TRACTOR according, this role is be selected by paid by DACAAR;

7. DACAAR is not responsible for security or any damages (human or machinery) caused during implementation of contract.

Contract Terms and Conditions:

1. Start and completion of drilling work shall be based on the work plan in annex (II) of this contract.

2. In case of delays caused by the contractor, 0.5% of remaining work will be charged as a delays penalty on each day of delay, this role is applicable till one month, after one to two months 20% penalty, delaying more than two months, will cause penalty of 30%.

3. Quotations should be valid for 60 working days.

4. CONTRACTOR has the obligation to complete all well in specified time. Delays caused by natural disaster or geological problems are exceptional but both DACAAR and CONTRACTOR must certify and agree on the cause of delay.

5. The sites for the well will be selected by DACAAR, and the contractor has no right for selection of location for well.

6. Transportation cost of machineries, food and accommodation will be contractor's responsibility.

7. The CONTRACTOR has to take into consideration the work specification - project completion period. Contractor must be able to finish the work for the signed contract; otherwise, he/she will be replaced with the new party and the call deposit/contract performance guaranty will not be refunded.

8. One-week prior notice will be given for contract termination. Only work completed under specification will be paid by DACAAR and CONTRACTOR will return all unused materials given by DACAAR.

9. The contractor should confirm his active presence and activities during first weeks, after signing of the contract; otherwise, DACAAR will take the decision on cancellation of the contract.

DACAAR will pay CONTRACTOR according to fixed price in the contract.

DACAAR is not responsible for security or any damages (human or machinery) caused during implementation of contract.

شرايط قرارداد:

1. شروع و ختم حفر چاه بايد مطابق پلان کاری لست ضمیمه قرارداد باشد.

2. در صورت تأخیر بدون موجبی از طرف قراردادی در حفر چاه مبلغ 0.5% بطور جریمه در زمان بوک دلاله روز از کار باقی مانده از قرارداد و وضع می‌گردد. تأخیر از پیک ماه ایل دوم هر 20٪ جریمه دارد و تأخیر بیشتر از دو ماه 30٪ جریمه را باعث می‌گردد.

3. قیمت های داده شده باید به مدت 60 روز کاری مدار استفاده نشوند.

4. قرارداد متعلق به تکمیل حفر چاه جاری در زمان معینی در قرارداد می‌باشد. شرایط هایی مانند حادثه حادثه غیر منطقی و یا مشکلات های ناشی از عدم امکانات در جریان کار پروره مشابه این بند از صورت بروز جدید حوادث باید توافق و تائید جانبین قرارداد در آن باشد.

5. انتخاب ساخات برای حفر چاه توسط داکار صورت خواهد گرفته و قراردادی حق انتخاب را ندارد.

6. قیمت انتقال مالیات آلات، غذا، سرماهه مسنولیت قراردادی می‌باشد.

7. قرارداد متعلق به اجرای تکمیل قرارداد در مدت تعین شده در این قرارداد می‌باشد و پلان‌ها باید مطابق آن پیش پرود و صورت خواهد گرفته در صورت عدم تعیین پلان تعین شده و یا کیفیت پایین کارها، داکار حق فسخ قرارداد را دارد. و پول تمصیم اشترک در داوری‌های خواهد کرد.

8. در صورت فسخ قرارداد، قراردادی در طرف یک یا همه فغته رسمی اطلاع خواهد گرفت. فقط کارهای که مطابق مشخصات تعین شده در قرارداد می‌باشند قابل خواهد بود و تمام موانع حیاتی شده استفاده نشده توسط داکار دوباره به داکار برگردانده خواهد شد.

9. قراردادی با داکار نخست حاضری فعل وکاری خود را در صحنه، به کمکیده رسیدنی در پیامند در غیر این صورت داکار در قسمت فسخ قرارداد و تحمیل لازمه داکار نمود، و پسینه داکار با داکار در هر موقع داکار بیگزارد.
10. Award of Contract will be based on the capacity/potentiality. Thorough evaluation of potential/shortlisted bidder will be carried out. DACAAR reserves the right to make the decision of awarding contract.

11. Offers without thumb, signature or stamp will be rejected automatically and the bidders have no right to complain.

12. DACAAR will not be responsible for any changes occurred during the contract such as (increment in custom duties, exchange rate etc.)

13. DACAAR (Logistics Unit) adheres to National and International laws on child labour. DACAAR makes sure all its vendors by such laws preventing child labour in all DACAAR activities countrywide.

14. The Humanitarian Organizations (HO) may conduct on-site visit in the contractor’s premises (or may take similar measures) to ensure compliance.

15. DACAAR has the right to cancel the process in any stage.

For more details, please visit DACAAR Logistics Unit Main Office Kabul, Sunday through Thursday, from 8:00am to 03:00pm. Or contact on below Email Addresses:  
jamal@dacaar.org or faizullah@dacaar.org

Sincerely Yours,
Manager – Logistics Unit
Date: September 03, 2020.
Drilling of One Tube Well by Rotary Rig in Logaryan Village, District 21 of Kabul Province

<table>
<thead>
<tr>
<th>S/No</th>
<th>Districts/ Village</th>
<th>Total No of Well</th>
<th>UNIT COST PER METER (AFN) PLUS 2% OR 7 % TAXES</th>
<th>Compressor Test (One Job)</th>
<th>Pumping Test (One Job)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drilling Well by rotary rig and using of 14” diameter bit from starting to the depth of 200m</td>
<td>Backfilling by impervious clay and Gravel packing by sorted and washed river gravel size (2-6 mm according the well design).</td>
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<tr>
<td>1</td>
<td>Logaryan Village, District 21 of Kabul Province</td>
<td>One (200 M Depth)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Bidder Name: ________________________________________________________________

Address & Stamp: _____________________________________________________________

Mobile No: _________________________________________________________________

Email Address: ______________________________________________________________
A Table is shown below:

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<tr>
<th>Lot No.</th>
<th>Province</th>
<th>District/ Village</th>
<th>No of Well</th>
<th>No of Rotary Rig Required</th>
<th>Start of Work</th>
<th>Completion of Work</th>
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<td>I</td>
<td>Kabul</td>
<td>Logaryan Village, District 21 of Kabul Province</td>
<td>One</td>
<td>One</td>
<td>After DACAAR Final Approval</td>
<td>October 15, 2020</td>
</tr>
</tbody>
</table>