

**Citizens Organization for Advocacy and Resilience (COAR)**

**RFP Reference # 022/2023**

**(Construction of water supply pipe scheme project (drilling of well, installation of solar panels, installation of pump, extension of pipe, construction of house connection and construction of boundary wall) in Sanzali village Badpakhat district of Laghman province UNICEF Project)**

**(Sep 12, 2023)**

**Introduction**

Citizens Organization for Advocacy and Resilience (COAR) is an independent, Non-Governmental, Non-Political, and Non-for-Profit charity organization, founded on the initiative of a group of Afghans in September 1989, to contribute towards the rehabilitation process of Afghanistan. Since its establishment, COAR's strategy has evolved from providing short-term emergency, relief services to long-term development efforts by implementing different projects in the sphere of agriculture, animal husbandry, health, education, infrastructure, and many welfare projects throughout Afghanistan, which are financed by different donor agencies.

**Objective**

The objective of this Request for Proposal is to find a source that will provide the best overall value to COAR. While price is a significant factor, other criteria will form the basis of our award decision, as more fully described in the Evaluation Factors section of this Request for Proposal below.

**Submission Guidelines & Requirements**

The following submission guidelines & requirements apply to this Request for Proposal:

1. First and foremost, only qualified individuals or firms with prior experience on projects such as this should submit proposals in response to this Request for Proposal.
2. Bidders must list at least [3] projects that are substantially similar to this project as part of their response, including references for each. Examples of work should be provided as well.
3. A technical proposal must be provided that is not more than [10] pages. This technical proposal must provide an overview of the proposed solution as well as resumes of all key personnel performing the work. In addition, the technical proposal should provide a proposed schedule and milestones, as applicable.
4. A financial proposal must be provided that is not more than [5] pages. This financial proposal should indicate the overall fixed price for the project.
5. A representative that is authorized to commit bidder’s company must sign proposals.
6. If you have a standard set of terms and conditions, please submit them with your proposal. All terms and conditions will be subject to negotiation.
7. Proposals must remain valid for [45] days.
8. COAR anticipates selecting at least three individuals or firms to have more in-depth discussions with and will make an award to one of these “down-selected” individuals or firms.
9. The suppliers shall attest that they meet the eligibility criteria mentioned above.
10. Upon signing the proposal by the supplier or authorized representative of the supplier, the supplier agreed to follow the COAR’s code of conduct for suppliers as mentioned below in this RFP.
11. The supplier shall bear all costs associated with the preparation and submission of his quotation and the COAR will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the negotiated procedure.
12. The language of the quotations must be **English** and must be on the letterhead of the supplier organization.
13. All quotations should be submitted in a sealed envelope along with all the required documents and must be properly labelled with the RFQ reference.
14. All quotations must be submitted to the COAR main office located at **Pul-e-Sorkh Square, Golayee Pul-E-Wahdat, House # 48, District # 3, Kabul Afghanistan.**

**Opening and evaluation:**

COAR anticipates the selection of the shortlisted suppliers in three working days.

If you have any questions or need further clarification, please contact on below email add:

Email Add: [procurement@COAR.org.af](mailto:procurement@coar.org.af)

Phone: 0730171960

**IMPORTANT:**

Do not send bids to the above email addresses. Only Queries and questions on this RFQ can be sent to the above address.

COAR may compile or respond individually to queries and questions raised by suppliers. COAR may, at its discretion, copy any reply to a particular question to all other invited bidders at once.

**Bid Acceptance:**

COAR reserves the right to accept or reject the whole or part of your offer without having to assign a reason whatsoever and will not be obliged to accept the lowest offer. However, COAR’s procurement department will share the reason for the non-selection with the shortlisted unsuccessful bidder wherever they think it appropriate and necessary.

COAR may at its discretion increase or decrease the proposed content when awarding the contract and would not expect a significant variation in the rate submitted.

**COAR Citizen Organization for Advocacy and Resilience (COAR) invites you to TENDER FOR THE CONSTRUCTION OF SENZALAI WATER SUPPLY PIPE SCHEME, DISTRICT in LAGHMAN PROVINCE FOR UNICEF.**

**Project Description:**

Citizens Organization for Advocacy and Resilience (COAR) is an independent, Non-Governmental, Non-Political, and Not-for-profit charity organization, founded on the initiative of a group of Afghans in September 1989, to contribute to the rehabilitation process of Afghanistan. Since its establishment, COAR's strategy has evolved from providing short-term emergency, relief services to long-term development efforts by implementing different projects in the sphere of agriculture, animal husbandry, health, education, infrastructure, and many welfare projects throughout Afghanistan, which are financed by different donor agencies.

Dear Sir/Madam,

The Hosikhail rural water supply pipe scheme project will be implemented in Laghman Province, Chahar Baran district which is selected and identified by the UNICEF 2023 strategy. Please find enclosed the following documents, which constitute the Request for Proposal:

Drilling of a water well, supply and installation of solar panels, submersible pump, inverter, Power cable HDPE pipe, steel stand, construction of a reservoir, construction of boundary wal, the extension of PE pipe and construction house connections in Sanzali village Badpakh district of Laghman province for UNICEF WASH projects invites you to submit a quotation for the following;

**QUOTATION SUBMISSION FORM**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **احجام کار و مواد مصرفی برای سیستم آبرسانی سولری همراه با ذخیره زمینی در قریه سنیزلی، ولسوالی باد پخ، ولایت لغمان** | | | | | | |
| **Bill of Quantity for Solar Water Pump System with Ground Reservoir** | | | | | | |
| **S/NO شماره** | **Discriptions تشریحات** | **Unit واحد** | **Quantity مقدار** | **Cost/Unit (Afs.) قیمت فی واحد** | **Total Cost (Afs.) قیمت مجموعی** | **Remarks ملاحظات** |
| **A** | **BoQ for New Bore well** | | | | | |
| 1 | Well drilling with Compressor or rotary machine with diameter of (14'') in all soil stratum and sampling of each geological formation. برمه کاری چاه توسط ماشین روتری به قطر (14) انچ در تمام انواع طبقات زمین و اخذ نمونه از هر طبقه | M | 100 |  |  |  |
| 2 | Supply and Installation of PVC casing pipe class -D, dia.10" (maximum wall thickness 14.8mm, minimum wall thickness 12.8mm, and average 14.3mm, each meter weight is 15.59 kg, BSS 3505/3506 , ASTM 1785-94), including 15cm for each pipe connection تهیه و نصب کیسنگ پی وی سی کلاس دی شامل 15 سانتی متر وصل کردن هر پایپ به قطر 10 انچ | M | 88 |  |  |  |
| 3 | Supply and installation of Filter pipe PVC Class-D. 10 inch dia. (maximum wall thickness14.8mm, minimum wall thickness 12.8mm, and average 14.3mm, each meter weight is 15.59 kg, BSS 3505/3506, ASTM 1785-94) . Total area for filter pipe openings should not be more than 25% of total area. (PVC quality test result is required) تهیه و نصب فلتر پی وی دی از نوع کلاس سی قطر10 انچ فیصدی مساحت مسامات فلتر از 25 فیصد مساحت مجموعی تجاوز نکند | M | 17 |  |  |  |
| 4 | Supply and installation of casing centralizers for pipe, DN 8"تهیه و نصب (سنترلایزر) یا حلقه های دایروی فلزی مخصوص داخل چاه برای قطر 8 انچ به خاطر نصب و انستالیشن عمودی کسینگ و فلتر در چاه | No | 8 |  |  |  |
| 5 | Laboratory test for (Casing and Filter) PVC pipe conforming To BSS 3505/3506, ASTM 1785-9 Specifications. تست لابراتواری (کیسنگ و فیلتر) پایپ پی وی سی | L.s | 1 |  |  |  |
| 6 | Gravel Packing depends on soil texture. (casing pipe and filter)   اندازه قطر جغل در اطراف پایپ فلتر و کیسینگ نظر به ترکیب طبقات در نظرگرفته شود اگر طبقات مقابل فلتر از ذرات میده دانه باشد اندازه قطر جغل 3 الی 6 ملی متر و اگر از ذرات بزرگ دانه باشد اندازه قطر جغل 5 الی 10 الی 12 ملی متر جغل لشم دریائی و شسته باشد | M3 | 5.5 |  |  |  |
| 7 | Clay (mud) or cement blocking around the casing for prevention of entering saline water to the well. مسدود کردن عقب کسنگ توسط مد خالص و یا سمنت بعد از تثبیت طبقات برای جلوگیری از نفوذ آب های شور | M3 | 0.5 |  |  |  |
| 8 | Pumping test with submersible pump for specifying hydro-geological parameters and water discharging rate of well. اجرای پمپ تست برای دریافت پارامتر های هایدروجیولوجی و ظرفیت آبدهی چاه | Hour | 8 |  |  | برای اندازه گیری سطح آب از اندکاتور استفاده گردد. |
| 9 | Compressor test for well cleaning and developing the well till the water be completely clear from fine material. کمپریسورتست چا ه بخاطر توسعه و پاک کاری چاه الی پاک شدن اب از زرات میده دانه معلق در اب | Job | 1 |  |  |  |
| 10 | Collecting water samples for the quality test (Physical, Chemical, and Biological) and Water Quality Test for obtaining information about the properties of water including all required test by an accepted laboratory. اخذ نمونه آب جهت تعین کیفیت (فزیکی، کیمیاوی و بیولوژیکی) و تست کیفیت آب | Job | 1 |  |  |  |
| 11 | Simple (LOG) test for a soil test and well alignment test (dummy test) and include of all required test by an accepted laboratory. لاگ تست بخاطر تست طبقات و اجرا تست جهت تراز یا مستقیم بودن چاه حفاری شده | Job | 1 |  |  |  |
| 12 | Supply and Installation of PVC pipe class - D, dia. 1 1/4" (maximum wall thickness 2.7mm, minimum wall thickness 2.2mm, and average 2.7mm, each meter weight is 0.41 kg, BSS 3505/3506, ASTM 1785-94) تهیه و نصب پایپ پی وی سی کلاس دی به قطر 11/4 انچ | M | 11 |  |  |  |
| **Sub-Total Cost for New Bore well (Afs)** | |  | | |  |  |
| نوت: سطح آبهائی زیرزمینی را در ساحه الی 30 متر گزارش داده است و حفاری چاه از نوع روتری بوده که عمق چاه 100 متر در نظر گرفته شده چونکه معلومات دقیق در ارتباط به سطح آبهائی زیر زمینی درین ساحه موجود نبوده بناً الی نتیجه مؤفقانه چاه و پمپ تست آن باید که کارهای بعدی پروژه یعنی خریداری پمپ، اعمار ذخیره، اعمار احاطه و تمدید سیستم تقسیماتی صورت نگیرد. حد اقل مقدار آبدهی چاه باید 10.5 متر مکعب فی ساعت باشد. درصورتیکه مقدار آبدهی در حین پمپ تست کمتر از مقدار یاد شده باشد دفتر کوار را در جریان گذاشته ممکن که در مشخصات واتر پمپ و سایر ملحقات تغیر آید ویا کار های بعدی پروژه لغو گردد، قابل ذکر است عمق چاه تابع نوعیت طبقات بوده در صورتیکه این مقدار آبدهی چاه در عمق کمتر از 100 متری مثلا 90 متر کفایت نمایند هم میتواند توقف شود و دفتر کوار را در جریان قرار دهد تا در مورد کارهای بعدی آن تصمیم اتخاذ گردد . | | | | | | |
|  |  |  |  |  |  |  |
| **B** | **BoQ for Solar Pump System to 50 m3 RCC Drinking Ground Reservoir** | | | | | |
| 1 | Supply of Submersible pump with its Compatible inverter, control box and Fuse box in stainless steel. EN 1.4301 (AISI 304).EN 1.4301 (AISI 304). Rated power - P2: 11 kW, P1 = 11.77 kW Rated voltage: 3 x 220-230 V Main frequency: 50 Hz Compatible inverter: IP66-68 11 kw, Pure sine wave, VFD and soft starter. Avg. water production per day: (10.5 m³/h) 78.3 m³/day, Total dynamic head: 212m , Pump Max head:280m Solar pump 11 KW according to the technical specification and requirement, سولر پمپ 11 کیلوات معه كنترولر، انورتر وفیوز باکس طبق مشخصات داده شده  The contractor must submit a manufacturer warranty for solar Pump for a period not less than 2 years. The contractor must submit all the required certificates for solar pump The serial number of the Solar pump should be certified by manufacturing company | No | 1 |  |  | ظرفیت آب دهی پمپ بصورت اوسط 78.3m³/day باشد و در صورت پایین آمدن سطح آب پمپ بشکل اتوماتیک خاموش شود |
| 2 | Solar panels 270 to 275 watt internationally certified by IEC, ISO, TUV and CE صفحه سولر از نوع مونو و یا پولی کرستال دارائی ستندرد ها وسرتیفکت های بین المللی و مشخصات داده شده  Range of ambient temperature: -40 .. 85 Cº Temperature coefficient (Voc): -0.31% /Cº Power tolerance: +3 to 5 % Maximum power voltage: 31.6V Open circuit voltage: 38.4V Max power point current: 8.76A Module shortcut current: 9.11A Minimum power output: 270 W Solar module type: POLYCRYSTALLINE or MONOCRYSTALLINE Water proof PV junction boxes IP68 for each array including DC Fuses, DC switch disconnectors, bus bars ,terminals, ducts or trays, supports & labels suitable to the PV arrays loads. Contractor must submit manufacturer warranty for solar panel for a period not less than 25 years. Contractor must submit all the required certificates for each PV solar panel from Serial number of PV Panel should be certified by manufacturing company | No | 60 |  |  |  |
| 3 | Solar panel stand steel 25 and 45 Deg, Large (panels support structure) پایه سولر پنیل | Set | 1 |  |  |  |
| 4 | Metal box for Inverter and other switches | No | 1 |  |  |  |
| 5 | Submersible Drop Cable (4\*10) mm² from Controller to Solar pump کیبل برق از کنترولر الی پمپ | M | 120 |  |  |  |
| 6 | Well probe sensor | No | 1 |  |  |  |
| 7 | Power Cabel (2\*1.5) mm2 for well sensor | M | 120 |  |  |  |
| 8 | Cable splice kit 2,5-6mm² | No | 1 |  |  |  |
| 9 | Power cable (1\*10) mm2 from Solar panels to Inverter کیبل برق | M | 30 |  |  |  |
| 10 | Float Switch MS1 with 10M Cable | No | 1 |  |  |  |
| 11 | Ground rod with copper Cable for all system (Solar Panels and pump) سیستم آرتنگ برای سولر پنیل ها و پمپ | Set | 1 |  |  |  |
| 12 | Electrical conduit pipe for external power cables | M | 120 |  |  |  |
| 13 | Adapter pipe | No | 2 |  |  |  |
| 14 | Safety rope, plastic for holding of solar water pump ریسمان پلاستیکی برای واتر پمپ | M | 150 |  |  |  |
| 15 | Power Cabel (2\*1.5) mm2 for float switch ( level switch from inverter to water tank ) | M | 1060 |  |  |  |
| 16 | Wire tie white and black | PKTs | 2 |  |  |  |
| 17 | Supply and transportation of solar pump set and solar panels تهیه و ترانسپورتیشن سبمرسیبل پمپ و سیستم سولر پنیل ها | Set | 1 |  |  |  |
| 18 | Installation of solar pump set and solar panels نصب سبمرسیبل پمپ و سیستم سولر پنیل ها | Set | 1 |  |  |  |
| 19 | Supplying, installation, laying and fitting in place of High Density Polyethylene pipe (PE 100 PN 25 SDR 7.4), Outside Diameter:75 mm, wall thickness (min 10.3mm, max 11.5mm, weight 2.1 kg/m, ISO 4427,DIN8074&PrEN12201), Best quality. پایپ پولی ایتیلین بقطر خارجی 75 میلی با فشار قابل برداشت25 بار | M | 90 |  |  |  |
| 20 | Supply and installation of Polyethylene 90° bend, Size (75) mm زانوخم 90 درجه نوع پولی ایتیلین | No | 3 |  |  |  |
| 21 | Supply and installation of Galvanized Iron Paddle flange diameter 75 mm (clip on the top of the Well to hold up the riser main pipe) کلیپب برای محکم نمودن پایپ و واتر پمپ چاه | No | 1 |  |  |  |
| 22 | Supply and installation of brass Gate valve (best quality) Nominal Diameter =2” best quality گیت وال به قطر دو انچ | No | 1 |  |  |  |
| 23 | Supply and installation of brass nonreturn valve (best quality), Diameter =2" for riser main pipe in pump house, with all related fittings تمبه والو به قطر دو انچ | No | 1 |  |  |  |
| 24 | Supply and installation of brass Flanged Water Meter (best quality) Nominal Diameter = 2", for out let pipe تهیه و نصب میترآب فلنج دار چدنی به قطر دو انچ، | No | 1 |  |  |  |
| 25 | Supply and installation of Flange Adopter, Size (63x2") فلنج ادپتر بقطر | No | 2 |  |  |  |
| 26 | Supply and installation of Galvanized Iron Nipple, diameter 2" اشتت آهني ملمع جست بقطر دو انچ | No | 4 |  |  |  |
| 27 | Supply and installation of Galvanized Iron Socket, diameter 2". سامي آهني ملمع جست بقطر دو انچ | No | 2 |  |  |  |
| 28 | Supply and installation of Female threaded Adopter (FTA), Size (63x2") ادپتر ماده بقطر | No | 2 |  |  |  |
| **Sub-Total Cost for Solar panels and Solar Pump (Afs)** | |  | | |  |  |
|  | | | | | | |
| **C** | **BoQ for 50 M3 RCC Drinking Ground Reservoir** | | | | | |
| 1 | Excavation for reservoir in ground type 4 -5. کندنکاری در زمین قسم چهارم الی پنجم | M3 | 41 |  |  |  |
| 2 | Back filling with soil and excavated material. پرکاری خاک معه تپک کاری | M3 | 4 |  |  |  |
| 3 | Plain Cement Concrete (PCC), M150 (1:2:4). کانکریت بیدون سیخ با مارک مخلوطی | M3 | 4.05 |  |  |  |
| 4 | Reinforced Cement Concrete (RCC), M 200kg/cm2 including steel bars and shuttering according to the drawings. کانکریت سیخدار با مارک مخلوطی 1:1.5:3 همرای قالب بندی | M3 | 28 |  |  |  |
| 5 | Plaster work with cement-sand + padllow powder M: 1:3 for inside. M: 1:3. پلستر کاری با مخلوط سمنت و ریگ و پودر ضد نفوذ آب مارک مخلوط مصاله 1:3 | M2 | 76.00 |  |  |  |
| 6 | Plaster work with cement-sand M: 1:3 for exterior wall. M: 1:3. پلستر کاری خارجی با مخلوط سمنت و ریگ مارک مخلوط مصاله 1:3 | M2 | 66.3 |  |  |  |
| 7 | Supply and installation of isogamy insulation on roof of reservoir, thickness (3.5 - 4) mm , weight (3.7-4.0) kg/m2. ایزوگام برای پوشش ذخیره | M2 | 24.12 |  |  |  |
| 8 | Supply and installation of iron gate for reservoir manhole (iron sheet 2mm thickness) with all required activities and as per drawing. دروازه آهنی برای منهول ذخیره | No | 1 |  |  |  |
| 9 | Supply and installation of 1 1/2-inch Galvanized Iron Ladder for reservoir with all required activities according to drawings. زینه از پایپ جستی ملمع شده بقطر یک و نیم انچ | No | 1 |  |  |  |
| 10 | Supply and installation of Galvanized Iron pipe, IIL-EL for Inlet pipe, wall thickness 2.6 mm, weight 3.66 kg/m, Inside Diameter 2", Best quality. تهیه و نصب پايپ آهني ملمع جستی بقطر دو انچ | M | 5 |  |  |  |
| 11 | Supply and installation of Galvanized Iron pipe, IIL-EL for overflow pipe, wall thickness 2.6 mm, weight 3.66 kg/m, Inside Diameter 2", Best quality. تهیه و نصب پايپ آهني ملمع جستی بقطر دو انچ | M | 4 |  |  |  |
| 12 | Supply and installation of Galvanized Iron pipe, IIL-EL for the outlet pipe, wall thickness 2.9 mm , weight 5.18 kg/m, Inside Diameter 2 1/2", Best quality. تهیه و نصب پايپ آهني ملمع جستی بقطر دو و نیم انچ | M | 3 |  |  |  |
| 13 | Supply and installation of Galvanized Iron pipe, IIL-EL for the drainpipe, wall thickness 2.6 mm, weight 3.66 kg/m, Inside Diameter 2", Best quality. تهیه و نصب پايپ آهني ملمع جستی بقطر دو انچ | M | 3 |  |  |  |
| 14 | Supply and installation of Galvanized Iron pipe, IIL-EL for ventilation pipe, wall thickness 2.3 mm , weight 2.25 kg/m, Inside Diameter 1 1/4", Best quality. تهیه و نصب پايپ آهني ملمع جستی بقطر یک و یک بر چهارم انچ | M | 5.6 |  |  |  |
| 15 | Supply and installation of Galvanized Iron pipe, IIL-EL for vent pipe, wall thickness 2.6 mm, w eight 3.66 kg/m, Inside Diameter 2", Best quality with all fittings. تهیه و نصب پايپ آهني ملمع جستی بقطر دو انچ | M | 1 |  |  |  |
| 16 | Supply and installation of brass Gate valve (best quality) Nominal Diameter =2 1/2" for distribution system گیت وال به قطر دو و نیم انچ | No | 1 |  |  |  |
| 17 | Supply and installation of brass Gate valve (best quality) Nominal Diameter =2" for distribution system گیت وال به قطر دو انچ | No | 2 |  |  |  |
| 18 | Supply and installation of brass Flanged Water Meter (best quality) Nominal Diameter = 2 1/2", for out let pipe of Park Project. تهیه و نصب میترآب فلنج دار چدنی به قطر دو و نیم انچ | No | 1 |  |  |  |
| 19 | Supply and installation of Carbon Steel or Stainless Steel, backing ring flange with gasket ring, diameter 2 1/2". تهیه و نصب حلقه پشتی - فلنج همراه با واشر بقطر دو و نیم انچ | No | 2 |  |  |  |
| 20 | Supply and installation of brass Flanged Water Meter (best quality) Nominal Diameter = 2", for out let pipe of Park Project. تهیه و نصب میترآب فلنج دار چدنی به قطر دو انچ | No | 1 |  |  |  |
| 21 | Supply and installation of Carbon Steel or Stainless Steel, backing ring flange with gasket ring, diameter 2". تهیه و نصب حلقه پشتی - فلنج همراه با واشر بقطر دو انچ | No | 2 |  |  |  |
| 22 | Supply and installation of Galvanized Iron Socket, diameter 2 1/2". سامي آهني ملمع جست بقطر دو و نیم انچ | No | 2 |  |  |  |
| 23 | Supply and installation of Galvanized Iron Socket, diameter 2". سامي آهني ملمع جست بقطر دو انچ | No | 8 |  |  |  |
| 24 | Supply and installation of Galvanized Iron Nipple, diameter 2 1/2". اشتت آهني ملمع جستی بقطر دو و نیم انچ | No | 2 |  |  |  |
| 25 | Supply and installation of Galvanized Iron Nipple, diameter 2". اشتت آهني ملمع جستی بقطر دو انچ | No | 8 |  |  |  |
| 26 | Supply and installation of Galvanized Iron Nipple, diameter 1 1/4". اشتت آهني ملمع جستی بقطر یک و یک برچهارم انچ | No | 1 |  |  |  |
| 27 | Supply and installation of Galvanized Iron Elbow, diameter 2". زانو خم آهني ملمع جستی بقطر دو انچ | No | 4 |  |  |  |
| 28 | Supply and installation of Galvanized Iron Reducer, diameter 1 1/2"x1 1/4". تبدیل آهني ملمع جستی بقطر | No | 2 |  |  |  |
| 29 | Supply and installation of Galvanized Iron reducer tee, Size (2 1/2"x1 1/2"x2 1/2"). سه دهن بوتلی آهني ملمع جستی بقطر | No | 1 |  |  |  |
| 30 | Supply and installation of Galvanized Iron reducer tee, Size (2"x1 1/2"x2"). سه دهن بوتلی آهني ملمع جستی بقطر | No | 1 |  |  |  |
| 31 | Supply and installation of Female threaded Adopter (FTA), Size (63x2") اداپتر نوع پولی ایتیلین به سایز | No | 2 |  |  |  |
| 32 | Supply and installation of Female threaded Adopter (FTA), Size (75x2 1/2") اداپتر نوع پولی ایتیلین به سایز | No | 1 |  |  |  |
| 33 | Supply and installation of End cup for the wash-out pipe 2" فلق برای پایپ شستشو | No | 1 |  |  |  |
| 34 | Supply and installation of water stopper for joint between floor slab and walls insulation (150 mm width, 10mm thick) تهیه و نصب عایق رطوبت برای درز میان کف و دیوار های ذخیره | M | 18.8 |  |  |  |
| 35 | Supply and installation of Galvanized Iron Strainer, diameter 2 1/2" | M | 1 |  |  |  |
| **Sub-Total Cost for 50 M3 Ground Reservoir (Afs.)** | |  | | |  |  |
| **D** | **BoQ for Main line and Distribution System** | | | | | |
| 1 | Excavation of pipe trench for distribution pipes laying in ground type 4 - 5 (including hard cutting). کندنکاری در زمین قسم چهار الی پنجم ( به شمول کندنکاری سخت) | M3 | 3,661.0 |  |  |  |
| 2 | Back filling of pipe trench by sand or soft soil پرکاری توسط ریگ یا خاک غربال شده | M3 | 1,367.6 |  |  |  |
| 3 | Back filling of pipe trench by excavated material. پرکاری خاک معه تپک کاری | M3 | 2,293.4 |  |  |  |
| 4 | Supplying, installation, laying and fitting in place of High Density Polyethylene pipe (PE 100 PN 10 SDR 17), Outside Diameter: 40 mm, wall thickness (min 2.4mm, max 2.8mm, weight 0.29 kg/m, ISO 4427,DIN8074&PrEN12201), Best quality. پایپ پولی ایتیلین بقطر خارجی 40 ملی با فشار قابل برداشت 10 بار | M | 4115 |  |  |  |
| 5 | Supplying, installation, laying and fitting in place of High Density Polyethylene pipe (PE 100 PN 10 SDR 17), Outside Diameter: 50 mm, wall thickness (min 3mm, max 3.4mm, weight 0.45 kg/m, ISO 4427, DIN8074&PrEN12201), Best quality. پایپ پولی ایتیلین بقطر خارجی 50 ملی با فشار قابل برداشت 10 بار | M | 2020 |  |  |  |
| 6 | Supplying, installation, laying, and fitting in place of High-Density Polyethylene pipe (PE 100 PN 10 SDR 17), Outside Diameter: 63 mm, wall thickness (min 3.8mm, max 4.3mm, weight 0.72 kg/m, ISO 4427, DIN8074&PrEN12201), Best quality. پایپ پولی ایتیلین بقطر خارجی 63 میلی با فشار قابل برداشت 10 بار | M | 2350 |  |  |  |
| 7 | Supplying, installation, laying and fitting in place of High-Density Polyethylene pipe (PE 100 PN 10 SDR 17), Outside Diameter: 75 mm, wall thickness (min 4.5mm, max 5.1mm, weight 1.01 kg/m, ISO 4427, DIN8074&PrEN12201), Best quality. پایپ پولی ایتیلین بقطر خارجی 75 میلی با فشار قابل برداشت 10 بار | M | 400 |  |  |  |
| 8 | Supplying, installation, laying, and fitting in place of High-Density Polyethylene pipe (PE 100 PN 25 SDR 7.4), Outside Diameter:75 mm, wall thickness (min 10.3mm, max 11.5mm, weight 2.1 kg/m, ISO 4427, DIN8074&PrEN12201), Best quality. پایپ پولی ایتیلین بقطر خارجی 75 میلی با فشار قابل برداشت25 بار | M | 1080 |  |  |  |
| 9 | Laboratory test for PE pipe conforming To ISO 4427, DIN 8074-8075 & PrEN 12201 Specifications. تست لابراتواری پایپ پولی ایتیلین برای تمام قطر های استفاده شده در پروژه | L.s | 1 |  |  |  |
| 10 | Supply and installation of Polyethylene Straight Coupler, diameter (40x40) mm وصل کننده مستقیم نوع پولی ایتیلین | No | 21 |  |  |  |
| 11 | Supply and installation of Polyethylene Straight Coupler, diameter (50x50) mm وصل کننده مستقیم نوع پولی ایتیلین | No | 15 |  |  |  |
| 12 | Supply and installation of Polyethylene Straight Coupler, diameter (63x63) mm وصل کننده مستقیم نوع پولی ایتیلین | No | 18 |  |  |  |
| 13 | Supply and installation of Polyethylene Straight Coupler, diameter (75x75) mm وصل کننده مستقیم نوع پولی ایتیلین | No | 15 |  |  |  |
| 14 | Supply and installation of Polyethylene Reducer, Size (50x40) mm وصل کننده بوتلی نوع پولی ایتیلین | No | 4 |  |  |  |
| 15 | Supply and installation of Polyethylene Reducer, Size (63x50) mm وصل کننده بوتلی نوع پولی ایتیلین | No | 2 |  |  |  |
| 16 | Supply and installation of Polyethylene Reducer, Size (75x50) mm وصل کننده بوتلی نوع پولی ایتیلین | No | 1 |  |  |  |
| 17 | Supply and installation of Polyethylene Tee, Size (50x40x50) mm سه دهن نوع پولی ایتیلین | No | 12 |  |  |  |
| 18 | Supply and installation of Polyethylene Tee, Size (75x63x75)mm سه دهن نوع پولی ایتیلین | No | 1 |  |  |  |
| 19 | Supply and installation of Polyethylene Tee, Size (63x40x63) mm سه دهن نوع پولی ایتیلین | No | 20 |  |  |  |
| 20 | Supply and installation of Polyethylene Tee, Size (40x40x40) mm سه دهن نوع پولی ایتیلین | No | 7 |  |  |  |
| 21 | Supply and installation of Polyethylene Tee, Size (50x50x50) mm سه دهن نوع پولی ایتیلین | No | 1 |  |  |  |
| 22 | Supply and installation of Polyethylene Tee, Size (63x50x63) mm سه دهن نوع پولی ایتیلین | No | 1 |  |  |  |
| 23 | Supply and installation of brass Gate valve (best quality) Nominal Diameter = 1 1/4" for distribution system گیت وال به قطر یک و یک بر چهار انچ | No | 22 |  |  |  |
| 24 | Supply and installation of brass Gate valve (best quality) Nominal Diameter = 1 1/2" for distribution system گیت وال به قطر یک و نیم انچ | No | 3 |  |  |  |
| 25 | Supply and installation of brass Flanged Gate Valve (best quality) Nominal Diameter = 2", for distribution system with extension spindle and cast iron surface box and all related equipment according to drawing. تهیه و نصب گیت وال چدنی فلنج دار به قطر دو انچ مکمل همرای اسپندل و سرفیس باکس | No | 2 |  |  |  |
| 26 | Supply and installation of brass Pressure Reducing Valve PRV (best quality) Nominal Diameter = 1 1/4" for distribution system best quality وال کاهش دهنده فشار به قطر یک و یک بر چهارم انچ | No | 1 |  |  |  |
| 27 | Supply and installation of brass Pressure Reducing Valve PRV (best quality) Nominal Diameter = 1 1/2" for distribution system best quality وال کاهش دهنده فشار به قطر یک و نیم انچ | No | 2 |  |  |  |
| 28 | Supply and installation of brass Pressure Reducing Valve PRV (best quality) Nominal Diameter = 2" for distribution system best quality وال کاهش دهنده فشار به قطر دو انچ | No | 3 |  |  |  |
| 29 | Supply and installation of Galvanized Iron Nipple, diameter 1 1/4" اشتت آهني ملمع جست بقطر | No | 46 |  |  |  |
| 30 | Supply and installation of Galvanized Iron Nipple, diameter 1 1/2" اشتت آهني ملمع جست بقطر | No | 10 |  |  |  |
| 31 | Supply and installation of Galvanized Iron Nipple, diameter 2” اشتت آهني ملمع جست بقطر | No | 6 |  |  |  |
| 32 | Supply and installation of Female threaded Adopter (FTA), Size (40x1 1/4") ادپتر بقطر | No | 46 |  |  |  |
| 33 | Supply and installation of Female threaded Adopter (FTA), Size (50x1 1/2") ادپتر بقطر | No | 10 |  |  |  |
| 34 | Supply and installation of Female heralded Adopter (FTA), Size (63x2") اداپتر نوع پولی ایتیلین به سایز | No | 4 |  |  |  |
| 35 | Supply and installation of Flange Adopter, Size (63x2") فلنج ادپتر بقطر | No | 4 |  |  |  |
| 36 | Supply and installation of End cup for the wash out pipe 40mm فلق برای پایپ | No | 43 |  |  |  |
| 37 | Supply and installation of End cup for the wash out pipe 50mm فلق برای پایپ | No | 1 |  |  |  |
| 38 | Plain Cement Concrete (PCC), M150 (1:2:4) for around of pipe in WASH. کانکریت بیدون سیخ با مارک مخلوطی | M3 | 7 |  |  |  |
| 39 | Supply and installation of warning tapes for water distribution line. The unit rate shall include the supply of non-decaying tapes of PE in rolls of 250m with metal or wooder stands for buried installation in pipe trench bearing the following text "Danger Water Pipe" or equivalent. Materials, dimensions, etc. shall be according to the Standard Drawing and Technical Specifications. Payment shall be made per roll. | M | 8,905 |  |  |  |
| 40 | House connection from main pipe to inside houses, public buildings (school, mosque and clinic) with its all accessories such as (1/2") saddle clump, elbow, female threaded adapter (FTA),Gate Valve, water meter, non-returning valve, water tap, Socket, pipe Dia 20mm HDPE-PN16 with Average length of 20m each Pipe and prefabricated heavy duty water meter box. تمدید نل از پایپ عمومی الی داخل خانه ها و ساختمان های عام المنفعه (مکتب، مسجد و کلینیک) با تمامی ملحقات آن از قبیل سدل بست نیم انچ، زانوخم، اتصال ماده، گیت وال (فلکه)، میتر، تمبه وال، شیر دهن، ساکت، پایپ 20 ملی متری پولی ایتلین به طول اوسط 20 متر برای هر خانه و میتر بکس قبلا ساخته شده با کیفیت عالی | No | 139 |  |  |  |
| **Sub-Total Cost for Main line and Distribution Line (Afs.)** | |  | | |  |  |
| **E** | **BoQ for Boundary wall of solar panels** | | | | | |
| 1 | Excavation in different ground types 4 - 4. کندنکاری در زمین قسم چهارم الی پنجم | M3 | 22.97 |  |  |  |
| 2 | Soil back filling with compaction پرکاری خاک معه تپک کاری | M3 | 7.85 |  |  |  |
| 3 | Stone masonry with cement- sand mortar M:1:5 سنگکاری با مصاله سمنت و ریگ مارک مخلوط | M3 | 25.98 |  |  |  |
| 4 | Plain Cement Concrete (PCC), M150 kg/cm2 (1:2:4) کانکریت بدون سیخ با مارک مخلوطی | M3 | 2.32 |  |  |  |
| 5 | Filling & Compacting with Stone Gravel پرکاری و تپک کاری توسط سنگ پارچه شده یا جغل در یایی | M3 | 13.89 |  |  |  |
| 6 | Kilned brick masonry with mortar 1:4 (cement - sand). خشت کاری پخته با مخلوط مساله (ریگ : سمنت) 1:4 | M3 | 20.83 |  |  |  |
| 7 | Plaster work with cement-sand M: 1:3 پلستر کاری با مخلوط مساله (ریگ : سمنت) 1:3 | M2 | 166.23 |  |  |  |
| 8 | Plastic painting two coat for outside walls of boundary wall 100% رنگمالی توسط رنگ پلاستیکی | M2 | 166.23 |  |  |  |
| 9 | Pointing for outside and inside of Boundary wall with mortar 1:3 (cement -sand). M: 1:3 هنگاف کاری بیرونی و داخلی با مخلوط سمنت و ریگ مارک مخلوط مصاله | M2 | 38.29 |  |  |  |
| 10 | Supply and installation of metallic gate by 20 Gauge Russian GI iron sheet with all requirements (complete) according to .دروازه آهنی برای احاطه سولر پنیل ها که ضخامت تخته آن 20 گیج روسی باشد | M2 | 2.80 |  |  |  |
| 11 | Supply and installation of Concertina wire on the boundary wall of the solar panel (complete) according to the drawing تهیه ونصب سیم خار در بالائی دیوار احاطه مطابق نقشه | M | 56.00 |  |  |  |
| **Sub-Total Cost for Boundary wall of solar panels (Afs.)** | |  | | |  |  |
| **F** | **BoQ for RCC Stand of Solar Panels** | | | | | |
| 1 | Excavation in different ground types 4 - 5 کندنکاری در زمین قسم چهارم الی پنجم | m3 | 0.15 |  |  |  |
| 2 | Filling & Compacting with Stone Gravel پرکاری و تپک کاری توسط سنگ پارچه شده یا جغل دریایی | m3 | 0.025 |  |  |  |
| 3 | Plain Cement Concrete (PCC), M150 kg/cm2 (1:2:4) کانکریت بدون سیخ با مارک مخلوطی | m3 | 0.025 |  |  |  |
| 4 | Reinforced Cement Concrete (RCC), M 200kg/cm2 including steel bars and shuttering according to the drawings. کانکریت سیخدار با مارک مخلوطی 1:1.5:3 همرای قالب بندی | m3 | 0.13 |  |  |  |
| **Sub-Total Cost for RCC Stand of Solar Panels (Afs.)** | |  | | |  |  |
| **Nomber of RCC Stand of Solar Panels** | |  | | | **20** |  |
| **Total BoQ for RCC Stand of Solar Panels** | |  | | |  |  |
| **G** | **BoQ for Construction of Well Protection** | | | | | |
| 1 | Excavation of foundation in ground type 4 - 5 کندن کاری در زمین قسم چهارم الی پنجم | M3 | 0.5 |  |  |  |
| 2 | Back filling with Gravel under the PCC. پرکاری توسط جغل دریائی زیر کانکریت بدون سیخ | M3 | 0.5 |  |  |  |
| 3 | Plain Cement Concrete (PCC),for well head leveling according to the drawing M150 kg/cm2 (1:2:4) کانکریت بدون سیخ برای لیول کاری فرش سرپوش چاه با مارک (1:2:4) مخلوط | M3 | 0.52 |  |  |  |
| 4 | Kilned brick masonry with mortar 1:4 (cement - sand) . خشت کاری پخته به مخلوط مساله (ریگ: سمنت) 1:4 | M3 | 0.69 |  |  |  |
| 5 | Plaster work with cement + sand, M 150 پلستر کاری بیرونی وداخلی با مخلوط مساله با مارک | M2 | 9.18 |  |  |  |
| 6 | Plastic painting two coat for outside well protection 100% رنگمالی توسط رنگ پلاستیکی | M2 | 5.13 |  |  |  |
| 7 | Steel Cover for wellhead Size (165\*60) sqm, from 4mm thick steel sheet , with angle iron frame and vent pipe سرپوش فلزی برای سر چاه از تخته فلزی 4 ملی متره همراه با پایپ هوا کش | PCs | 1 |  |  |  |
| 8 | Supply and installation of Galvanized Iron (GI) well header according to well diameter تهیه و نصب سر چاه ئی از نوع آهن ملمع جست مطابق قطر چاه | No | 1 |  |  |  |
| **Sub-Total Cost for Construction of well protection (Afs)** | |  | | |  |  |
| **H** | **BoQ for Construction of Guard Room** | | | | | |
| 1 | Excavation of foundation in ground type 4 - 5 کندن کاری در زمین قسم چهارم الی پنجم | M3 | 7.9 |  |  |  |
| 2 | Soil back filling with compaction پرکاری خاک معه تپک کاری | M3 | 2.25 |  |  |  |
| 3 | Back filling with Gravel under the PCC. پرکاری توسط جغل دریائی زیر کانکریت بدون سیخ | M3 | 2.25 |  |  |  |
| 4 | Stone masonry with cement- sand mortar M: 1:5 سنگکاری با مصاله سمنت و ریگ مارک مخلوط | M3 | 11.30 |  |  |  |
| 5 | Kilned brick masonry with mortar 1:4 (cement - sand) . خشت کاری پخته به مخلوط مساله (ریگ: سمنت) 1:4 | M3 | 17 |  |  |  |
| 6 | Plain Cement Concrete (PCC), M150. (1:2:4) کانکریت بدون سیخ با مارک مخلوطی (1:2:4) | M3 | 6.69 |  |  |  |
| 7 | Reinforced Cement Concrete (RCC), M 200kg/cm2 including steel bars and shuttering according to the drawings. کانکریت سیخدار با مارک مخلوطی 1:1.5:3 همرای قالب بندی | M3 | 5.94 |  |  |  |
| 8 | Plaster work with cement + sand, M 150 پلستر کاری بیرونی وداخلی با مخلوط مساله با مارک | M2 | 124 |  |  |  |
| 9 | Plastic painting two coats for inside and outside of walls 100% رنگمالی توسط رنگ پلاستیکی | M2 | 124 |  |  |  |
| 10 | Pointing outside of wall with mortar 1:3 (cement -sand). M: 1:3 هنگاف کاری بیرونی با مخلوط سمنت و ریگ مارک مخلوط مصاله | M2 | 8.12 |  |  |  |
| 11 | Supply and replacing of half burnt brick for insulation under PCC in roof تهیه و جابجا کردن توته های خشت در بام برای عایق حرارتی و شیب بندی بام | M3 | 2.95 |  |  |  |
| 12 | Supply and installation of isogamy insulation on roof of reservoir, thickness (3.5 - 4) mm, weight (3.7-4.0) kg/m2. ایزوگام برای پوشش ذخیره | M2 | 39.52 |  |  |  |
| 13 | Supply and installation of the metallic door by 20 Gauge Russian GI iron sheet with all requirements (complete). تهیه و نصب دروازه آهنی که ضخامت تخته آن 20 گیج باشد | M2 | 5 |  |  |  |
| 14 | Supply and installation of Windows by Khar Wood with ironmongery according to the drawing. تهیه و نصب کلکین چوبی بشمول آهن باب آن | M2 | 3.6 |  |  |  |
| 15 | Oil painting three coats of door and window رنگمالی توسط رنگ روغنی دروازه و کلکین | M2 | 17.20 |  |  |  |
| 16 | Supply and installation of Glass (4mm thickness) for windows. تهیه و نصب شیشه با ضخامت 4 ملی متر برای کلکین | M2 | 4.00 |  |  |  |
| 17 | Provide and fix of downspout (8x6) cm from an iron sheet 0.5 Russian according to the drawing. تهیه و نصب ناوه آهنی مطابق نقشه | M | 3.55 |  |  |  |
| 18 | Electrical work for guard room latrine.کارهای برقی برای اطاق محافظ و تشناب | Ls | 1.00 |  |  |  |
| **Sub-Total Cost for Construction of Guard Room (Afs)** | |  | | |  |  |
| **I** | **BoQ for Construction of Dry latrine** | | | | | |
| 1 | Excavation of foundation in ground type 4 - 5 کندن کاری در زمین قسم چهارم الی پنجم | M3 | 4.25 |  |  |  |
| 2 | Soil back filling with compaction پرکاری خاک معه تپک کاری | M3 | 1.02 |  |  |  |
| 3 | Stone masonry with cement- sand mortar M: 1:5 سنگکاری با مصاله سمنت و ریگ مارک مخلوط | M3 | 6.79 |  |  |  |
| 4 | Kilned brick masonry with mortar 1:4 (cement - sand). خشت کاری پخته با مخلوط مساله (ریگ : سمنت) 1:4 | M3 | 6.70 |  |  |  |
| 5 | Plain Cement Concrete (PCC), M150 kg/cm2 (1:2:4) کانکریت بدون سیخ با مارک مخلوطی | m3 | 0.28 |  |  |  |
| 6 | Reinforced Cement Concrete (RCC), M 200kg/cm2 including steel bars and shuttering according to the drawings. کانکریت سیخدار با مارک مخلوطی 1:1.5:3 همرای قالب بندی | m3 | 1 |  |  |  |
| 7 | Plaster work with cement-sand M:1:3 پلستر کاری با مخلوط مساله (ریگ : سمنت) 1:3 | M2 | 37.00 |  |  |  |
| 8 | Plastic painting two coats for inside and outside of walls 100% رنگمالی توسط رنگ پلاستیکی | M2 | 37.00 |  |  |  |
| 9 | Pointing for outside and inside of Boundary wall with mortar 1:3 (cement -sand). M: 1:3 هنگاف کاری بیرونی و داخلی با مخلوط سمنت و ریگ مارک مخلوط مصاله | M2 | 2.20 |  |  |  |
| 10 | Supply and installation of Isogamy on the roof of the latrine, thickness (3.5 - 4) mm, weight (3.7-4)kg/m according to the drawings and specifications. عایق کاری توسط ایزوگام | M2 | 7.3 |  |  |  |
| 11 | Supply and installation of the metallic door by 20 Gauge Russian GI iron sheet with all requirements (complete). تهیه و نصب دروازه آهنی برای لاترین که ضخامت تخته آن 20 گیج باشد | M2 | 1.44 |  |  |  |
| 12 | Supply and installation of metallic door by 20 Gauge Russian GI iron sheet with all requirements (complete) for Emptying. تهیه و نصب دروازه آهنی برای درواز تخلیه لجن که ضخامت تخته آن 20 گیج باشد | M2 | 0.2 |  |  |  |
| 13 | Supply and installation of Windows by Khar wood with ironmongery according to the drawing. تهیه و نصب کلکین چوبی بشمول آهن باب آن | M2 | 0.16 |  |  |  |
| 14 | Oil painting three coat of door and window رنگمالی توسط رنگ روغنی دروازه و کلکین | M2 | 1.60 |  |  |  |
| 15 | Supply and installation of UPVC-100mm pipe for vent with Aluminum Mash and with all required activities according to the drawing. تهیه و نصب پایپ یو پی وسی به قطر 100 ملی متر همراه با کپ المونیمی با تمام امور ایجابی | M | 3.15 |  |  |  |
| 16 | Supply and installation of Galvanized Iron pipe, IIL-EL for In let pipe, wall thickness 2.6 mm, weight 3.66 kg/m, Inside Diameter 2", Best quality. تهیه و نصب پايپ آهني ملمع جستی بقطر دو انچ | M | 2.3 |  |  |  |
| 17 | Supply and installation of Galvanized Iron Elbow, diameter 2". زانو خم آهني ملمع جستی بقطر دو انچ | No | 2 |  |  |  |
| 18 | Provide and fix of downspout (8x6)cm from an iron sheet 0.5 Russian according to the drawing. تهیه و نصب ناوه آهنی مطابق نقشه | M | 3.55 |  |  |  |
| **Sub-Total Cost for Construction of Dry latrine (Afs)** | |  | | |  |  |
| **J** | **Gate Valve Box for Pressure Reducing Valve (Afg.)** | | | | | |
| 1 | Excavation in ground type 4 - 5 کندنکاری در زمین قسم چهارم الی پنجم | m3 | 2.70 |  |  |  |
| 2 | Back filling by excavated material پرکاری خاک توسط خاک کنده شده | m3 | 0.5 |  |  |  |
| 3 | Stone masonry with cement- sand mortar M: 1:4 سنگکاری با مصاله سمنت و ریگ مارک مخلوط | m3 | 2.4 |  |  |  |
| 4 | Plain Cement Concrete (PCC), M150 kg/cm2 (1:2:4) کانکریت بدون سیخ با مارک مخلوطی | m3 | 0.3 |  |  |  |
| 5 | Reinforced Cement Concrete (RCC), M 200kg/cm2 including steel bars and shuttering according to the drawings. کانکریت سیخدار با مارک مخلوطی 1:1.5:3 همرای قالب بندی | m3 | 0.05 |  |  |  |
| 6 | Cement Plastering with pad low powder Mپلسترکاری با مخلوط سمنت و ریگ مارک مصاله 1:3 | m2 | 2.5 |  |  |  |
| **Total Cost for one Gate Valve Box (Afg.) قیمت مچموعی برای 1 عدد گیت وال باکس (افغانی)** | |  | | |  |  |
| **تعداد گیت وال باکس (افغانی) No of Gate Vave Box (Afg.)** | |  | | | **6** |  |
| **قیمت مجموعی برای تمام گیت وال باکس (افغانی) Sub Total Cost for All No of Gate Valve Box (Afg.)** | |  |  |  |  |  |
| **K** | **BoQ for Stand Tap Construction (1 No)** |  |  |  |  |  |
| 1 | Excavation for Stand Tap in ground type 4 - 5 کندنکاری برای ساختمان شیردهن ها در زمین قسم چهارم الی پنجم | M3 | 0.26 |  |  |  |
| 2 | Gravel filling پرکاری جغل | M3 | 0.25 |  |  |  |
| 3 | Plain Cement Concrete M: 1:2:4 کانکریت بدون سیخ به مارک 1:2:4 | M3 | 0.30 |  |  |  |
| 4 | Plaster work with cement-sand, M: 1:3 پلسترکاری مطابق نقشه با مارک 1:3 مصالحه | M2 | 1.2 |  |  |  |
| **Subtotal cost for 1 No Stand Taps (AFN) قیمت مجموعی برای1 عدد شیردهن (افغانی)** | |  | | |  |  |
| **No of Stand Taps تعداد شیردهن ها** | |  | | | **139** |  |
| **SubTotal cost for All of No Stand Taps (AFN) قیمت مجموعی برای تمام شیردهن ها (افغانی)** | |  | | |  |  |
| **L** | **BoQ for other costs (Afs.)** | | | | | |
| 1 | drawing hygiene promotion signs, messages, and Drawings of UNICEF Visibility ترسیم نمودن پیام های حفظ الصحه | L.S | 3 |  |  |  |
| 2 | Hygiene Kit ( Bucket, Local brush, Cleaner liquid …....), (ستل برس و مایع پاک کننده ) هایجین کیت | L.S | 1 |  |  |  |
| 3 | Tools for pipe scheme caretaker (valve man): threading machine (dye), threading machine tripod with vice and blades, pipe cutter, pipe wrench, chain wrench, screw wrench (shifting spanner), metal file, pliers, screwdriver, hacksaw, hacksaw blades, lever arm, and meter. سامان برای نلدوان (وال مین) شبکه آبرسانی از قبیل دایی یا ماشین چوری کشی، سه پایه ماشین چورى كشى با گیرا و پل، پائپ كتر، پایپ رنچ، چین رنچ سكرورنچ، سوهان، پلاس، پیچكش، اره، پل اره، جبل، متر | LMS | 1 |  |  |  |
| 4 | Site cleaning after work and removal from the site پاک کاری ساحه | LS | 1 |  |  |  |
| 5 | Sign Board for project لوحه برای پروژه | No | 1 |  |  |  |
| **Subtotal cost for other costs (Afs.)** | |  | | |  |  |
| **Grand Total Cost (Afs.) قیمت مجموعی به افغانی** | |  | | |  |  |
| قرار شرح فوق فورم هذا در تطابق با جدول احجام کار و مواد یعنی (BoQ) ترتیب گردیده و قیمت ارائه شده تخمینی بوده، سند قطعی حساب شمرده نمیشود, سند قطعی حساب برویت برآورد ثانی از روی احجام حقیقی صورت گیرد و همچنان قیمت واقعی در وقت قرارداد از ساحه دریافت و درج قرارداد گردد. | | | | | | |
| نوت: بخاطر رشد اقتصاد ملی کشور از سمنت جبل السراج و سایر سمنت های تولید شده داخلی در صورتیکه قابل دسترس در بازار و دارای کیفیت خوب و همچنان دارای قیمت مناسب باشد، استفاده از آن به تناسب سمنت های خارجی در پروژه هذا ترجیح و اولویت داده شود. | | | | | | |

**Project Location**:

|  |  |  |
| --- | --- | --- |
| **No** | **Items** | **Descriptions** |
| **1** | Province | Laghman |
| **2** | Project location | Laghman Province, Badpakh District Sanzali village |
| **3** | Type of Project | (Drilling of well, supply and installation of submersible pump, inverter, Power cable, HDPE pipe, Construction of reservoir, installation of solar panels, an extension of PE pipe, and construction of boundary wall for UNICEF Project) |
| **4** | Award of Contract | Should be supplied and install after the signature of the PO |
| **6** | The supplier is responsible | To Supply and install along with construction in Laghman Project sites. |

|  |  |
| --- | --- |
|  | **Information to be entered by the supplier in the below columns** |
| Please state the name of the Manufacturer |  |
| **After-sales service and warranty and Guaranty service)** |  |
| Please state the full contact details of the local after-sales service. |  |
| **Delivery date** |  |
| Delivery time to the final destination | days |
| Award of Contract | Should be able to deliver after the signature of PO |
| The supplier is responsible | To deliver to da different districts of Laghman Province |
|  |  |
|  |  |

**RFP & Project Timelines:**

**The timeline of the proposal is as follows,**

|  |  |  |
| --- | --- | --- |
| Request for Proposal Issuance Date | Sep 12, 2023 |  |
| Last Date of Submission of Proposal | 19September 2023- 04:00 PM |  |

The Last date of Project Completion is ………. 2023.

**Evaluation Criteria:**

COAR will rate proposals based on the following factors, with cost being the most important factor:

|  |  |  |
| --- | --- | --- |
| Essential Criteria | |  |
| 1 | Valid Business license | **Yes/No** |
| 2 | Bank Account by name of Company/Owner | **Yes/No** |
| 3 | Signed and stamped RFQ/RFP with Polices of COAR | **Yes/No** |
| 4 | Supplier applying for the COAR RFQ, please must submit previous year's MoF clearance letter. | **Yes/No** |

**Capability Criteria:**

1. Relevant past performance/experience. At least three similar copy of contracts.
2. Reference that we may contact (A list of clients served/provided with similar services/goods along with their contact details.)
3. Cost, including an assessment of total cost of ownership, and financial health (current bank balance at least 50% of the current PR value (bank statement or other documents).
4. Lead Time
5. Lowest Comparative price

**Implementation term and Condition:**

1. The skilled and unskilled labor will must use PPE during the work.
2. The contractor will follow CoAR social safe guarding policies.
3. Contractor will take approval for the sample of construction material before the work.
4. the contractor will submit the Project Key personal and project structure with RFQ.
5. Site visit from project site is mandatory.
6. Submit project work plan,
7. Highly pay attention COAR team, TPM, local authority and relevant sectors instructions and rectify it as soon.
8. The construction company obliged to hand over the project to relevant sector.
9. Revised estimation will be done after project completion.
10. Site visit from project site is mandatory.
11. Submit project work plan,
12. Highly pay attention COAR team, TPM, local authority and relevant sectors instructions and rectify it as soon.
13. The construction company obliged to hand over the project to relevant sector.
14. Revised estimation will be done after project completion.

Technical and Financial proposals shall be submitted in separate envelopes as a single package.

COAR reserves the right to award to the bidder that presents the best value to COAR as determined solely by COAR in its absolute discretion.

Note: The shortlisted bidder will be requested to provide the Kits accordingly to the samples that COAR will provide.

**Exclusion from award of contracts**

Contracts may not be awarded to Candidates who, during this procedure:

1. are subject to conflict of interest:
2. are guilty of misrepresentation in supplying the information required by COAR as a condition of participation in the Contract procedure or fail to supply this information.

**Tax:**

The price given shall be inclusive of all applicable taxes. COAR will deduct tax at source while making payment as per the provisions of the contract.

**Performance Guarantee:**

**The contractor is required to submit 10% of the total contract amount as a performance guarantee to COAR upon signing of contract. The performance guarantee will be paid back to the Contractor after one month upon the successful completion of the contract.**

**Code of Conduct:**

The following minimum code of conduct are required to be complied with by the supplier:

* Suppliers are required to comply with the applicable Local Laws,
* Supplier shall comply with all applicable laws, statutes, regulations, codes, etc. relating to anti-bribery and anti-corruption.
* Supplier shall refrain from engaging in any form of bribery or corruption.
* Suppliers shall minimize their negative impact on the environment.
* Suppliers shall reduce waste of all types to the greatest extent reasonably possible.
* Supplier shall not discriminate its employees based on gender, age, religion, race, tribe, caste, social background, disability, nationality, political affiliation, sexual orientation, or any other personal characteristics.
* Supplier shall not make use of any form of forced labor.
* The supplier does not engage in any workplace practice and conditions that violate basic rights; Physical abuse or punishment or threat of physical abuse or punishment, any kind of sexual or other harassment and other forms of intimidation are prohibited.
* Suppliers shall not employ children younger than 15 years of age unless the local minimum age law stipulates a higher age for work or mandatory schooling, in which case the higher age applies.
* Suppliers shall provide a safe and hygienic working environment.
* Wages paid by the Supplier must meet or exceed legal minimums and/or industry standards
* Working hours of employees must be in line with the legal requirements and / or industry standards.
* Supplier shall grant employees their stipulated annual leave and sick leave without any form of repercussions.
* Suppliers shall actively purchase locally produced goods in preference to imported ones wherever reasonably possible.
* COAR expects its suppliers not to engage in the sale or manufacture of anti-personnel mines or components utilized in the manufacture of anti-personnel mines.
* COAR expects its suppliers to recognize the freely exercised right of workers, without distinction, to organize, further and defend their interests and to bargain collectively, as well as to protect those workers from any action or other form of discrimination related to the exercise of their right to organize, to carry out trade union activities and to bargain collectively.

After having read this Request for Proposal<022/2023> on behalf of my company/business, I hereby:

* Accept, without restrictions, all the provisions in the Request for Quotation,
* Provided that a contract is issued by the Contracting Authority, we hereby commit to furnish any or all items at the price offered and deliver same to the designated points within the delivery time stated above.
* Certify and attest that we meet the eligibility criteria stated in the Instructions.
* Certify and attest compliance with the Code of Conduct for Contractors mentioned in this

Request for Quotation (RFQ).

This declaration will be confirmed in the Contract and misrepresentation will be regarded as grounds for termination.

Signature and stamp:

Signed by:

|  |  |
| --- | --- |
| **The Contractor** |  |
| Name of the company |  |
| Address |  |
| Telephone no. |  |
| E-mail: |  |
| Name of contact  Person: |  |
| Date: |  |