

Main Office

Golayee Wazirabad
PO Box 208
Kabul, Afghanistan
Phone: +93 202230752
Mobile: +93 700288232
E-mail: dacaar@dacaar.org
Website: www.dacaar.org

INVITATION TO BID**Supply and Installation of Solar System Water Pumps
& Spare Solar System Water Pumps for Kunduz Province**

دفتر مرکزی
گولایه وزیرآباد
پست بکس ۲۰۸
کابل، افغانستان
تلفون: +۹۳۲۰۲۲۳۰۷۵۲
موبایل: +۹۳۷۰۰۲۸۸۲۳۲
ایمیل: dacaar@dacaar.org
وبسایت: www.dacaar.org

اعلان داوطلبی برای تهیه و نصب واتر پمپ با سیستم انرژی آفتابی و واتر پمپ آفتابی اضافه برای ولایت کندز

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Date: March 26, 2020

DACAAR invites interested parties to submit their sealed offers for Supply & Installation of Complete Set Solar Water Pumps with Fixed Stands Solar System and Complete Set Spare Solar System Water Pumps for Kunduz Province as described in Annex (I).

داکار از کمپنی های علاقمند و واجد شرایط که خواهش اشتراک در پروسه داوطلبی داکار را داشته باشند دعوت به عمل میآورد تا در داوطلبی برای تهیه و نصب سیت مکمل سولر غیر متحرک واتر پمپ زیر آبی مجهز با سیستم انرژی آفتابی و سیت مکمل واتر پمپ آفتابی اضافه برای ولایت کندز اشتراک نمایند که تفصیلات آن در ضمیمه (I) تذکر یافته است.

The offers must be submitted to DACAAR Main Office Logistics Unit located in (Street No. 12, Paykobe-Naswar, Qala-e-Fathullah, Kabul Province) till 4:00pm April 15, 2020.

آفرها باید الی تاریخ 15 اپریل 2020 ساعت 4:00 عصر به شعبه لوجستیک دفتر مرکزی داکار واقع (پایکوب نساوار سرک 12 قلعه فتح الله ولایت کابل) سپرده شود.

The bid opening session will be held on April 16, 2020 at 10:30am in DACAAR Main Office in Kabul Province and the bid winner will be notified shortly after the bid opening session.

مجلس آفرگشایی ساعت 10:30 قبل از ظهر تاریخ 16 اپریل 2020 در دفتر مرکزی داکار در ولایت کابل صورت میگیرد که متعاقباً برنده داوطلبی در اسرع وقت اطلاع خواهد یافت.

**Terms and Conditions for the bid
winner/participation**

شرایط قرارداد برای برنده داوطلبی / اشتراک کننده گان

1. Delivery and Installation of Solar Water Pump with Fixed Stands Solar System in Chardara, Aliabad Districts and Centre of Kunduz Province mentioned in Annex (II).
2. Installation & Delivery of Solar pumps & solar systems will be carried out by the company technicians.
3. DACAAR technical staff will inspect the function of solar system pumps, before delivery and after installation in the targeted areas.
4. The bidders have to provide solely information regarding the panels, panels stand and pumps, (e.g. name of manufacturer etc..). Pump daily output design is also needed; otherwise, the offer will not be accepted.
5. Minimum three years warranty is required after successful installation of solar systems and this fact must be clearly mentioned in the offer.

1. انتقال و نصب سولر غیر متحرک واتر پمپ زیر آبی مجهز با سیستم انرژی آفتابی در ولسوالی های چهاردره، علی آباد و مرکز ولایت کندز که در ضمیمه (II) ذکر گردیده صورت میگیرد.
2. نصب سولر سیستم و انتقال آن باید توسط اشخاص مسلکی صورت بگیرد.
3. پرسونل داکار نحوه کار سولر سیستم و واتر پمپ را قبل از انتقال و بعد از نصب کردن در ساحات مربوطه نظارت خواهند نمود.
4. داوطلبان مکلف اند تا معلومات مکمل را در مورد پنل های سولر و پمپ که توسط انرژی سولر کار میکند، آب دهی روزانه، و کمپنی ساخت پنل ها و پمپ ها را ارایه نماید، در غیر آن آفر که معلومات فوق الذکر در آن گنجانیده نشده باشد، داکار از آن صرف نظر خواهد کرد.
5. حد اقل معیاد تضمین و خدمات بعد از فروش برای سولر سیستم مدت سه سال بعد از نصب مؤفقانه سولر سیستم میباشد، که این موضوع باید بشکل واضح و روشن در اسناد داوطلبی مشخص گردد.

6. 3% of total contract value will be seized as a service guarantee with DACAAR for three years. This amount will be refunded when the service guarantee period is successfully served.
7. In case of delay without logical reasons in delivery & installation of Solar Systems 0.5% of total cost of undelivered items/ incomplete work will be charged as penalty for each official day of delay.
8. Prices shall be given in Afghani (AFN) and shall include transport plus loading, unloading and complete installation of the systems in targeted areas. Offers without sign and stamp will not accepted.
- This is worth to mention that the products specifications are divided into three options for each lot, which needs separate quotations;
1. First Option: Made in Europe (All products should be of the same brand).
 2. Second Option: Made in Europe products of different brands can be used in the system (e.g. solar panels from one brand, inverter from another brand and the pump from another brand).
 3. Best Products from well reputed manufacturers of Asian countries, except Chinese.
9. All bidders should deposit 150,000 AFN as a bid security; otherwise, DACAAR has the right to make the decision.
- Submission methods of bid security is as follows:
- a) Put a Bank Guarantee of the amount with bidding documents.
 - Or,
 - b) Deposit (150,000 AFN) to DACAAR Kabul Bank Afghani Account (60019598).
- Note: All deposits (Bid Security/ Contract Performance Guarantee) will be refunded on proper application of vendors along with original bank deposit slip.
10. The winner of the tender must deposit 10% of total contract value as a contract performance guarantee, the amount is refundable after successful completion of the contract.
6. 3% از مجموع ارزش قرارداد بطور ضمانت به مدت سه سال نزد داکار محفوظ میماند، و بعد از تکمیل موفقانه دوره ضمانت کار کرده گی سیستم این مبلغ به قراردادی قابل پرداخت میباشد.
7. در صورت تأخیر رساندن سیستم ها بدون عذر موجه در وقت معینه آن، مبلغ 0.5 فیصد از ارزش اموال/کار تأخیر شده به طور جرمانه در برابر هر روز رسمی تأخیر از طرف قراردادی تأدیه خواهد گردید.
8. قیمت ها باید به افغانی داده شود و شامل قیمت (مالیه دولت، انتقال، بارگیری، تخلیه و نصب سولرسیستم باشد) قیمت های بدون مهر و امضا قابل قبول نمیباشد.
- قابل یاد آور است که مشخصات اجناس به سه قسمت ذیل تقسیم گردیده و به هر قسمت قیمت های جداگانه ارائه گردد:
1. قسمت (اپشن) اول: تمام وسایل متذکره باید ساخت اروپا از یک کمپنی مشخص باشند.
 2. قسمت (اپشن) دوم: تمام وسایل متذکره باید ساخت اروپا از کمپنی های مختلف باشند. (مثلا تخته های سولر، مولد، مین سوچ، پمپ و غیره مواد مورد ضرورت از کمپنی های مختلف اروپایی باشند).
 3. قسمت (اپشن) سوم: تمام وسایل مورد ضرورت باید با کیفیت بالا و از کمپنی های معتبر کشورهای آسیایی بدون کشور چین باشند.
9. آفرها باید همراه با سند 150,000 افغانی تضمین آفر باشد در غیر آنصورت داکار حق تصمیم گیری را دارا میباشد.
- روش های ارائه تضمین آفر عبارتند از:
- a. گذاشتن تضمین بانکی از بانک های معتبر داخل پاکت آفرها.
 - و یا،
 - b. جمع نمودن 150,000 افغانی به حساب افغانی داکار (60019598) در کابل بانک میباشد.
- نوت: تمام تضمین ها (تضمین اشتراک در داوطلبی / تضمین اجرایی قرارداد) به اساس درخواست اشتراک کننده داوطلبی/ قرارداد کننده و ارائه اصل رسید بانکی پس پرداخت میگردد.
10. شرکت برنده باید مبلغ 10% از مجموع ارزش قرارداد را بحیث تضمین اجرایی موفقانه قرارداد را به حساب داکار جمع نماید، و مبلغ متذکره بعد از تکمیل موفقانه قرارداد باز پرداخت میباشد.

11. 2% Tax will be applicable on the companies that has 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, will be deducted from the contractor as a withholding tax and DACAAR will pay that amount to Ministry of Finance, the amount starts from (1 AFN).
12. Payment will be made after successful & complete installation of solar pump with submission of invoice, confirmation of DACAAR relevant sites accountable within 25 official days.
13. Award of the contract will be based on the price, quality, capacity & potentiality of bidder. The evaluation of bidder and their product will be carried out and DACAAR reserves the right to make the decision of awarding contract, either for the whole lots based on total value or for individual item/lot based on price per item/lot.
14. DACAAR (Logistics Unit) adheres to National and International laws on child labour DACAAR makes sure all its suppliers and vendor abide by such laws preventing child labour in all DACAAR activities countrywide.
15. The Humanitarian Organizations (HO) may conduct on- site visit in the contractor's premises (or may take similar measures) to ensure compliance.
11. 2% مالیہ برای شرکت هائیکه دارای جواز با اعتبار میباشد، و 7% مالیہ برای شرکت هائیکه دارای جواز معیاد اعتبار آن ختم باشد، و یا اشخاصیکه جواز ندارند توسط داکار وضع گردیده و به وزارت مالیہ دولت اسلامی افغانستان پرداخت میشود، آغاز مبلغ از (1 افغانی).
12. تأدیہ پول بعد از تکمیل نمودن مؤفقانہ قرارداد و بعد از تصدیق نمودن مسؤل ساحوی داکار در جریان 25 روز رسمی قابل اجرا میباشد.
13. برنده شدن قرارداد نظر بہ قیمت، کیفیت، توانائی و ظرفیت داوطلب بودہ، و بعد از بررسی کمپنی و جنس صورت میگردد. البتہ داکار حق تصمیم گیری در این زمینہ را دارا میباشد، همچنان داکار حق دارد کہ قرار داد را بہ اساس قیمت کل و یا قیمت فی لات را عقد نماید.
14. دفتر داکار (شعبہ لوژیستیک) با در نظر داشت قوانین ملی و بین المللی برای جلوگیری از کار کودکان مصمم بودہ و سعی میکند کہ تمام فعالیتہای تہیہ کنندہ گان و مشتریان این ادارہ بہ این اصل پایند باشند.
15. سازمان های بشر دوستانہ (HO) ممکن است تا از محلات و سایت ها بہ بخاطر اطمینان خاطر و تطبیق درست کار توسط قرار داد گیرندہ بازدید بعمل آورده و یا ممکن است اقدامات مشابهی را انجام دهند.

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

Yours Sincerely,

Manager - Logistics
Date: March 26, 2020



ANNEX (I)

Budget Breakdown / فورم ارائه آفر

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Lot I: Solar System Water Pump for Nawabad Mahajir Pipe Scheme, Chardara District of Kunduz Province:

First Option – Made in Europe (All products should be of the same brand)

S/N	Required Item	Technical Specifications	Unit	Total QTY	Unit Price (AFN)	Total Price (AFN)	Remarks
1	Solar system water pump with Controller, Solar Panels, fixed stands, electric cables and accessories with complete installation of the system	Annex (III)	Set	1			
2	Solar water pump with Controller, well prob sensor, Cable Splice Kit 2.5-6m ² , Wire Tire White & Black, (Spare Pump)	Additional (Spare) Annex (III)	Set	1			No Need for Installation
3	Raising Main Pipe of Tube Well according to Pump Size	-	MTR	110			
4	PE Delivery Pipe according to pump size	-	MTR	1,000			PN 16 Bar (PE 80)
5	PE Fittings	-	LS	1			PN 16 Bar
Installation Charges: AFN							
Transportation Cost to Nawabad Mahajir Pipe Scheme, Chardara District of Kunduz Province: AFN							
Grand Total: AFN							
Note: The pumps, controller, panel and some other important accessories must be European Made and must be of the same brand.							

Bidder Name: _____ اسم آفر دهنده:

Address & Stamp: _____ آدرس کمپنی و مهر کمپنی:

Mobile No: _____ نمبر موبائیل:

Email Address: _____ آدرس ایمل:

Delivery Time: _____ زمان تحویلدهی:

ANNEX (I)

Budget Breakdown / فورم ارائه آفر

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Lot I: Solar System Water Pump for Nawabad Mahajir Pipe Scheme, Chardara District of Kunduz Province:

Second Option – Made in Europe products of different brands can be used in the system (e.g. solar panels from one brand, inverter from another brand and the pump from another brand).

S/N	Required Item	Technical Specifications	Unit	Total QTY	Unit Price (AFN)	Total Price (AFN)	Remarks
1	Solar system water pump with Controller, Solar Panels, fixed stands, electric cables and accessories with complete installation of the system	Annex (III)	Set	1			
2	Solar water pump with Controller, well prob sensor, Cable Splice Kit 2.5-6m ² , Wire Tire White & Black, (Spare Pump)	Additional (Spare) Annex (III)	Set	1			No Need for Installation
3	Raising Main Pipe of Tube Well according to Pump Size	-	MTR	110			
4	PE Delivery Pipe according to pump size	-	MTR	1,000			PN 16 Bar (PE 80)
5	PE Fittings	-	LS	1			PN 16 Bar
Installation Charges: AFN							
Transportation Cost to Nawabad Mahajir Pipe Scheme, Chardara District of Kunduz Province: AFN							
Grand Total: AFN							

Bidder Name: _____ اسم آفر دهنده:

Address & Stamp: _____ آدرس کمپنی و مهر کمپنی:

Mobile No: _____ نمبر موبائیل:

Email Address: _____ آدرس ایمل:

Delivery Time: _____ زمان تحویلدهی:

ANNEX (I)
Budget Breakdown / فورم ارائه آفر
DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Lot I: Solar System Water Pump for Nawabad Mahajir Pipe Scheme, Chardara District of Kunduz Province:

Third Option – Best Products from well reputed manufacturers of Asian countries, except Chinese

S/N	Required Item	Technical Specifications	Unit	Total QTY	Unit Price (AFN)	Total Price (AFN)	Remarks
1	Solar system water pump with Controller, Solar Panels, fixed stands, electric cables and accessories with complete installation of the system	Annex (III)	Set	1			
2	Solar water pump with Controller, well prob sensor, Cable Splice Kit 2.5-6m ² , Wire Tire White & Black, (Spare Pump)	Additional (Spare) Annex (III)	Set	1			No Need for Installation
3	Raising Main Pipe of Tube Well according to Pump Size	-	MTR	110			
4	PE Delivery Pipe according to pump size	-	MTR	1,000			PN 16 Bar (PE 80)
5	PE Fittings	-	LS	1			PN 16 Bar
Installation Charges: AFN							
Transportation Cost to Nawabad Mahajir Pipe Scheme, Chardara District of Kunduz Province: AFN							
Grand Total: AFN							

Bidder Name: _____ اسم آفر دهنده:

Address & Stamp: _____ آدرس کمپنی و مهر کمپنی:

Mobile No: _____ نمبر موبائیل:

Email Address: _____ آدرس ایمل:

Delivery Time: _____ زمان تحویلدهی:

ANNEX (I)

Budget Breakdown / فورم ارائه آفر

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Lot II: Solar System Water Pump for Momand Kochi Pipe Scheme in Centre of Kunduz Province:

First Option – Made in Europe (All products should be of the same brand)

S/N	Required Item	Technical Specifications	Unit	Total QTY	Unit Price (AFN)	Total Price (AFN)	Remarks
1	Solar system water pump with Controller, Solar Panels, fixed stands, electric cables and accessories with complete installation of the system	Annex (III)	Set	1			
2	Solar water pump with Controller, well prob sensor, Cable Splice Kit 2.5-6m ² , Wire Tire White & Black, (Spare Pump)	Additional (Spare) Annex (III)	Set	1			No Need for Installation
3	Raising Main Pipe of Tube Well according to Pump Size	-	MTR	110			-
4	PE Delivery Pipe according to pump size	-	MTR	216			PN 16 Bar (PE 80)
5	PE Fittings	-	LS	1			PN 16 Bar
Installation Charges: AFN							
Transportation Cost to Momand Kochi Pipe Scheme in Centre of Kunduz Province: AFN							
Grand Total: AFN							
Note: The pumps, controller, panel and some other important accessories must be European Made and must be of the same brand.							

Bidder Name: _____ اسم آفر دهنده:

Address & Stamp: _____ آدرس کمپنی و مهر کمپنی:

Mobile No: _____ نمبر موبائیل:

Email Address: _____ آدرس ایمل:

Delivery Time: _____ زمان تحویلدهی:

ANNEX (I)

Budget Breakdown / فورم ارائه آفر

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Lot II: Solar System Water Pump for Momand Kochi Pipe Scheme in Centre of Kunduz Province:

Second Option – Made in Europe products of different brands can be used in the system (e.g. solar panels from one brand, inverter from another brand and the pump from another brand).

S/N	Required Item	Technical Specifications	Unit	Total QTY	Unit Price (AFN)	Total Price (AFN)	Remarks
1	Solar system water pump with Controller, Solar Panels, fixed stands, electric cables and accessories with complete installation of the system	Annex (III)	Set	1			
2	Solar water pump with Controller, well prob sensor, Cable Splice Kit 2.5-6m ² , Wire Tire White & Black, (Spare Pump)	Additional (Spare) Annex (III)	Set	1			No Need for Installation
3	Raising Main Pipe of Tube Well according to Pump Size	-	MTR	110			-
4	PE Delivery Pipe according to pump size	-	MTR	216			PN 16 Bar (PE 80)
5	PE Fittings	-	LS	1			PN 16 Bar
Installation Charges: AFN							
Transportation Cost to Momand Kochi Pipe Scheme in Centre of Kunduz Province: AFN							
Grand Total: AFN							

Bidder Name: _____ اسم آفر دهنده:

Address & Stamp: _____ آدرس کمپنی و مهر کمپنی:

Mobile No: _____ نمبر موبائیل:

Email Address: _____ آدرس ایمل:

Delivery Time: _____ زمان تحویلدهی:

ANNEX (I)

Budget Breakdown / فورم ارائه آفر

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Lot II: Solar System Water Pump for Momand Kochi Pipe Scheme in Centre of Kunduz Province:

Third Option – Best Products from well reputed manufacturers of Asian countries, except Chinese

S/N	Required Item	Technical Specifications	Unit	Total QTY	Unit Price (AFN)	Total Price (AFN)	Remarks
1	Solar system water pump with Controller, Solar Panels, fixed stands, electric cables and accessories with complete installation of the system	Annex (III)	Set	1			
2	Solar water pump with Controller, well prob sensor, Cable Splice Kit 2.5-6m ² , Wire Tire White & Black, (Spare Pump)	Additional (Spare) Annex (III)	Set	1			No Need for Installation
3	Raising Main Pipe of Tube Well according to Pump Size	-	MTR	110			-
4	PE Delivery Pipe according to pump size	-	MTR	216			PN 16 Bar (PE 80)
5	PE Fittings	-	LS	1			PN 16 Bar
Installation Charges: AFN							
Transportation Cost to Momand Kochi Pipe Scheme in Centre of Kunduz Province: AFN							
Grand Total: AFN							

Bidder Name: _____ اسم آفر دهنده:

Address & Stamp: _____ آدرس کمپنی و مهر کمپنی:

Mobile No: _____ نمبر موبائیل:

Email Address: _____ آدرس ایمل:

Delivery Time: _____ زمان تحویلدهی:

ANNEX (I)

Budget Breakdown / فورم ارائه آفر

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Lot III: Solar System Water Pump for Lale Maidan Pipe Scheme in Aliabad District of Kunduz Province:

First Option – Made in Europe (All products should be of the same brand)

S/N	Required Item	Technical Specifications	Unit	Total QTY	Unit Price (AFN)	Total Price (AFN)	Remarks
1	Solar system water pump with Controller, Solar Panels, fixed stands, electric cables and accessories with complete installation of the system	Annex (III)	Set	1			
2	Solar water pump with Controller, well prob sensor, Cable Splice Kit 2.5-6m ² , Wire Tire White & Black, (Spare Pump)	Additional (Spare) Annex (III)	Set	1			No Need for Installation
3	PE Delivery Pipe according to pump size	-	MTR	450			PN 16 Bar (PE 80)
4	PE Fittings	-	LS	1			PN 16 Bar
Installation Charges: AFN							
Transportation Cost to Lale Maidan Pipe Scheme in Aliabad District of Kunduz Province: AFN							
Grand Total: AFN							
Note: The pumps, controller, panel and some other important accessories must be European Made and must be of the same brand.							

Bidder Name: _____ اسم آفر دهنده:

Address & Stamp: _____ آدرس کمپنی و مهر کمپنی:

Mobile No: _____ نمبر موبائیل:

Email Address: _____ آدرس ایمل:

Delivery Time: _____ زمان تحویلدهی:

ANNEX (I)

Budget Breakdown / فورم ارائه آفر

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Lot III: Solar System Water Pump for Lale Maidan Pipe Scheme in Aliabad District of Kunduz Province:

Second Option – Made in Europe products of different brands can be used in the system (e.g. solar panels from one brand, inverter from another brand and the pump from another brand).

S/N	Required Item	Technical Specifications	Unit	Total QTY	Unit Price (AFN)	Total Price (AFN)	Remarks
1	Solar system water pump with Controller, Solar Panels, fixed stands, electric cables and accessories with complete installation of the system	Annex (III)	Set	1			
2	Solar water pump with Controller, well prob sensor, Cable Splice Kit 2.5-6m ² , Wire Tire White & Black, (Spare Pump)	Additional (Spare) Annex (III)	Set	1			No Need for Installation
3	PE Delivery Pipe according to pump size	-	MTR	450			PN 16 Bar (PE 80)
4	PE Fittings	-	LS	1			PN 16 Bar
Installation Charges: AFN							
Transportation Cost to Lale Maidan Pipe Scheme in Aliabad District of Kunduz Province: AFN							
Grand Total: AFN							

Bidder Name: _____ اسم آفر دهنده:

Address & Stamp: _____ آدرس کمپنی و مهر کمپنی:

Mobile No: _____ نمبر موبائیل:

Email Address: _____ آدرس ایمل:

Delivery Time: _____ زمان تحویلدهی:

ANNEX (I)

Budget Breakdown / فورم ارائه آفر

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Lot III: Solar System Water Pump for Lale Maidan Pipe Scheme in Aliabad District of Kunduz Province:

Third Option – Best Products from well reputed manufacturers of Asian countries, except Chinese

S/N	Required Item	Technical Specifications	Unit	Total QTY	Unit Price (AFN)	Total Price (AFN)	Remarks
1	Solar system water pump with Controller, Solar Panels, fixed stands, electric cables and accessories with complete installation of the system	Annex (III)	Set	1			
2	Solar water pump with Controller, well prob sensor, Cable Splice Kit 2.5-6m ² , Wire Tire White & Black, (Spare Pump)	Additional (Spare) Annex (III)	Set	1			No Need for Installation
3	PE Delivery Pipe according to pump size	-	MTR	450			PN 16 Bar (PE 80)
4	PE Fittings	-	LS	1			PN 16 Bar
Installation Charges: AFN							
Transportation Cost to Lale Maidan Pipe Scheme in Aliabad District of Kunduz Province: AFN							
Grand Total: AFN							

Bidder Name: _____ اسم آفر دهنده:

Address & Stamp: _____ آدرس کمپنی و مهر کمپنی:

Mobile No: _____ نمبر موبائیل:

Email Address: _____ آدرس ایمل:

Delivery Time: _____ زمان تحویلدهی:

ANNEX (I)

Budget Breakdown / فورم ارانه آفر

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Information about Types and Warranty of Solar Panels and Solar Pumps

Solar System Water Pump for Chardara, Aliabad Disriects and Centre of Kunduz Province

S/N	Manufacturer of solar pumps (Name of Company)	Warranty period of solar panels (year)	Name of submersible pumps (Name of company)	Warranty period of submersible pumps (year)

ANNEX (II)

Tentative Work Plan / پلان تخمینی کار

DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Solar System Water Pump for Nawabad Part 01, 02, 03 Chardara District of Kunduz Province:

Lot#	QTY	Items Description	Location of Installations	Contract Sign Date	Date of Inspection before delivery	Delivery Date	Installation Date
I	1 Set	Solar System water pump with Controller, Solar Panels, fixed stand, electric cables and complete installation, with Additional Solar Pumps (Spare) based on specification on Annex (III)	Nawabad Mahajir Pipe Scheme, Chardara District of Kunduz Province	Starts Upon DACAAR Final Approval	April 30, 2020	May 25, 2020	June 30, 2020
II	1 Set	Solar System water pump with Controller, Solar Panels, fixed stand, electric cables and complete installation, with Additional Solar Pumps (Spare) based on specification on Annex (III)	Momand Kochi Pipe Scheme in Centre of Kunduz Province				
II	1 Set	Solar System water pump with Controller, Solar Panels, fixed stand, electric cables and complete installation, with Additional Solar Pumps (Spare) based on specification on Annex (III)	Lale Maidan Pipe Scheme in Aliabad District of Kunduz Province				

Note: The above mentioned date's are tentative; and could be changed while signing of the contract as per DACAAR Tentative Work Plan.

ANNEX (III)
Technical Specification for Solar Pump Systems
DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Part I: Solar System Water Pump for Nawabad Mahajir Pipe Scheme, Chardara District of Kunduz Province:

S/No	Specification	Unit	Quantity	Remark
1	Diameter of PVC Casing	Inch	8	Needs
2	Depth of well	Meter	120	Planned
3	Static water level	Meter	25	Assumed, based on wells during 2019
4	Draw down/Dynamic Level	Meter	70	Assumed, based on wells during 2019
5	Pump Installation Depth	Meter	105	Assumed, based on wells during 2019
6	Height of water tank from well surface to top of Water Tank	Meter	22	$394-389=5$, $5+16+1=22\text{m}$
	Length of Delivery Pipe from Pump to Water Tank	Meter	1105	Elevated water tank is 1,000m away from well location
7	Electric Cable Length	Meter	155	Panels are 50m away from Tube Well (assume)
8	Average Daily Requirement for 525 families	Lit/Day	123,113	Estimated for 10 year design period, with 3% population growth
9	Static Head	Meter	127	-
10	Total Head	Meter	127+Head Loss	Would be calculated through solar software by supplier according to delivery pipe diameter

Some other necessary specification:

1. For multiple Fixed Stand, reinforced concrete walls 2m center to center, 40cm thick, 70cm above ground surface, and 50cm under ground surface, embedded strong hooks in the mentioned concrete wall, is needed.
2. 10cm PCC (1:2:4), 60cm wide under foundation wall.
3. They should consider strong iron channel or strong angle iron for all stands.
4. The angle iron for panel stand will be min (50x50x4)mm, or even stronger to resist against heavy winds.
5. Painting of the channel and the angle iron of panel stand with anti-corrosive and anti-stain paint.

Note:

- Company/Bidder can offer to any/ all of the mentioned three options through separate quotations with keeping the exact specification into consideration.
- The system should be adjustable in accordance to the actual pumping test report of the well, means the solar system will be adjusted accordingly.

ANNEX (III)
Technical Specification for Solar Pump Systems
DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Part II: Solar System Water Pump for Momand Kochi Pipe Scheme in Centre of Kunduz Province:

S/No	Specification	Unit	Quantity	Remark
1	Diameter of PVC Casing	Inch	8	Needs
2	Depth of well	Meter	120	Planned
3	Static water level	Meter	25	Assumed, based on wells during 2019
4	Draw down/Dynamic Level	Meter	70	Assumed, based on wells during 2019
5	Pump Installation Depth	Meter	105	Assumed, based on wells during 2019
6	Height of water tank from well surface to top of Water Tank	Meter	25	460-454=6+16+2=24m
7	Length of Delivery Pipe from Pump to Water Tank	Meter	321	Survey water tank is 216m away from well location
8	Electric Cable Length	Meter	155	Panels are 50m away from Tube Well (assume)
9	Average Daily Requirement for 500 families	Lit/Day	117,250	Estimated for 10 year design period, with 3% population growth
10	Static Head	Meter	130	-
11	Total Head	Meter	130+Head Loss	Would be calculated through solar software by supplier according to delivery pipe diameter

Some other necessary specification:

1. For multiple Fixed Stand, reinforced concrete walls 2m center to center, 40cm thick, 70cm above ground surface, and 50cm under ground surface, embedded strong hooks in the mentioned concrete wall, is needed.
2. 10cm PCC (1:2:4), 60cm wide under foundation wall.
3. They should consider strong iron channel or strong angle iron for all stands.
4. The angle iron for panel stand will be min (50x50x4)mm, or even stronger to resist against heavy winds.
5. Painting of the channel and the angle iron of panel stand with anti-corrosive and anti-stain paint.

Note:

- Company/Bidder can offer to any/ all of the mentioned three options through separate quotations with keeping the exact specification into consideration.
- The system should be adjustable in accordance to the actual pumping test report of the well, means the solar system will be adjusted accordingly.

ANNEX (III)
Technical Specification for Solar Pump Systems
DACAAR ITB 04 PRF-259-260-261/DANIDA/1801-01/RID1.2/03.2020

Part III: Solar System Water Pump for Lale Maidan Pipe Scheme in Aliabad District of Kunduz Province:

S/No	Specification	Unit	Quantity	Remark
1	Diameter of PVC Casing	Inch	8	Needs
2	Depth of well	Meter	120	Planned
3	Static water level	Meter	25	Assumed, based on wells during 2019
4	Draw down/Dynamic Level	Meter	70	Assumed, based on wells during 2019
5	Pump Installation Depth	Meter	105	Assumed, based on wells during 2019
6	Height of water tank from well surface to top of Water Tank	Meter	31	$457-429=28+3=31\text{m}$ the ground water reservoir is on the hill
7	Length of Delivery Pipe from Pump to Water Tank	Meter	436	Water tank is 331m away from well location
8	Electric Cable Length	Meter	155	Panels are 50m away from Tube Well (assume)
9	Average Daily Requirement for 200 families	Lit/Day	46,900	Estimated for 10 year design period, with 3% population growth
10	Static Head	Meter	136	-
11	Total Head	Meter	136+Head Loss	Would be calculated through solar software by supplier according to delivery pipe diameter

Some other necessary specification:

1. For multiple Fixed Stand, reinforced concrete walls 2m center to center, 40cm thick, 70cm above ground surface, and 50cm under ground surface, embedded strong hooks in the mentioned concrete wall, is needed.
2. 10cm PCC (1:2:4), 60cm wide under foundation wall.
3. They should consider strong iron channel or strong angle iron for all stands.
4. The angle iron for panel stand will be min (50x50x4)mm, or even stronger to resist against heavy winds.
5. Painting of the channel and the angle iron of panel stand with anti-corrosive and anti-stain paint.

Note:

- Company/Bidder can offer to any/ all of the mentioned three options through separate quotations with keeping the exact specification into consideration.
- The system should be adjustable in accordance to the actual pumping test report of the well, means the solar system will be adjusted accordingly.