World Vision
Afghanistan

Invitation to Bid (ITB)

ITB/PR Ref. No: 2656183-Rebid

Supply, Delivery, Installation and Commissioning of a Complete Solar Power System and Servicing during Warranty Period for Water Supply Networks in the following locations within Herat District

Lot Numbers

1. Khushk-e-Kuhna District, Khaja Marvi Ghoriha Village
2. Pashtoon Zarghon District, Dasht Nazan Village
3. Khushk-e-Kuhna District, Village: Kariz Bi Bi Village

Bidders can elect to bid for either or all LOTS and should submit a complete BID for each LOT.

Date of Publication: Thursday, 01 June 2023

Bid Submission Closing Date: Thursday, 22 June 2023,1600HRS.

Should you require any clarification, kindly communicate with the contact person identified as the focal point for queries on this ITB.

Address to **Safiullah_alokozai@wvi.org** and **afgo_tenders@wvi.org**
Copy: **sayedajmal_shahna@wvi.org**
Phone Number: (+93) 791 777 475

Signed:
Bashir Ahmad Foshanji
Supply Chain Manager

Bidder Name	[bidder shall insert its name here]
Announcement date	**01 June 2023**
Submission Deadline	**22 June 2023, by 1600hrs (Kabul Local Time)**
Offer Submission Manner	The technical and financial bids/offers must be submitted electronically through World Vision 'Provision Automation platform' only using the guidelines provided. Emails and physical bid submissions will not be accepted nor considered for any the further process **Attention**: Safiullah Alokozai, Supply Chain Administrator **Telephone**: (+93)791777475 **Address:** World Vision International Office, Walayat Street-Opposite Muslim English Language Center, Herat, Afghanistan. ***Bids received after the submission deadline will be rejected. Late bids will not be accepted.***
PR#	2656183-Rebid
Title of the ITB	Supply, Delivery, Installation and Commissioning of a Complete Solar Power System and Servicing during Warranty Period for Water Supply Networks in the following locations within Herat District
The number and identification of lots	3 Lots
Project Code	A219679 PCA-Project end Date 30 June 2023
Work Implementation Location	**Herat, Afghanistan** *1.Khushk-e-Kuhna District, Khaja Marvi Ghoriha Village* *2.Pashtoon Zarghon District, Dasht Nazan Village* *3.Khushk-e-Kuhna District, Village: Kariz Bi Bi Village*
Bid Validity Period	Bids shall be valid for a period 60 days from the bid submission deadline. No price adjustment, substitution or modification to the bids are allowed within the bid validity period or any such extended period.

1. Introduction

World Vision International- Afghanistan is a non-profit, humanitarian aid and development organization that is dedicated to helping children and their communities reach their full potential by tackling the causes of poverty. We serve poor children, families, and communities through means such as emergency relief, education, health care, economic development and the promotion of justice. Our work touches approximately 100 million people in nearly 100 countries, assisting people regardless of religion, ethnic background, or gender.

2. Objective of this ITB:

World Vision International – Afghanistan is inviting bids from interested bidders towards **[Supply, Delivery, Installation and Commissioning of a Complete Solar Power System and Servicing during Warranty Period for Water Supply Networks in the following locations within Herat District].** The technical details of the project including BOQs and Drawings are provided in Annex-I of this ITB. The bid submission methodology and evaluation & qualifications criteria for assessment of the bids are defined respectively in parts 4 and 6 of this ITB.

3. Clarification of the ITB

The bidders requiring any clarifications in regards to this ITB shall contact WVA using the address below in writing. WVA will respond in writing to any request for clarification within two (2) days, if such request is

received at least Five (2) days prior to the deadline for submission of bids. WVA may forward copies of its response to all those who have acquired the ITB directly from it, including a description of the inquiry but without identifying its source.

Attention: Safiullah Alokozai, Supply Chain Administrator
Email: Address to Safiullah_alokozai@wvi.org and afgo_tenders@wvi.org
Copy: sayedajmal_shahna@wvi.org
Phone Number: (+93) 791 777 475

4. Submission of Bids:

The technical and financial bids/offers must be submitted electronically through World Vision 'Provision Automation platform' only using the guidelines provided
Bid Submission Deadline: Thursday 22 June 2023, by 1600hrs (Kabul Local Time)

Bids received after the submission deadline will be rejected. Late bids will not be accepted.

5. Award Criteria

World Vision Afghanistan will issue the Contract to the technically qualified and financially competitive bidder. World Vision Afghanistan reserves the right to accept or reject any Bid, to annul the solicitation process and reject all Bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder(s) or any obligation to provide information on the grounds for World Vision Afghanistan's action.

6. Evaluation and Qualification Criteria

This Section contains the criteria to evaluate a Bid and qualify the Bidders. No other factors, methods or criteria shall be used other than specified in this ITB.

7. Most Advantageous Bid

The WVA will use the criteria and methodologies listed in ESSENTIAL CRITERIA below to determine the Most Advantageous Bid for Contract Award. The Most Advantageous bid is the bid that meets the qualification criteria and has been determined to:

(a) Substantially meet the Eligibility Requirements.
(b) Meet the minimum passing marks of the Technical Criteria that is 70 points out of 100.
(c) Substantially meet the Financial Capability Criteria.
(d) The lowest evaluated Bid**.**

The evaluation will be undertaken for each lot separately. Each lot will be awarded individually to the supplier or suppliers whose tender complied with the below evaluation method.

☒ Non-Discretionary "Pass/Fail" Criteria on the Technical Requirements; and

☒ Lowest price offer of technically qualified/responsive Bid

I. ESSENTIAL ELIGIBILITY REQUIREMENTS

a. That, to the best of the Bidder's knowledge, it is not included in the UN 1267 List or the UN Ineligibility List, USG Sanctions list nor in all of World Vision list of suspended vendors.
b. The Bidder shall have the legal capacity to enter a contract, including registration of the supplier in a country eligible for contracting; the bidder shall furnish a valid business license.
c. Written power of attorney of the signatory of the bid to commit the bidder; The Bid shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of written confirmation of Power of Attorney. The name and position held by each person signing the authorization must be typed or printed below the signature.
d. Declaration of Conflict of Interest Form. Bidders found to have a conflict of interest shall be disqualified. Failure to disclose such information may result in the rejection of the bid.

e. Bankruptcy-the bidder should not have been declared bankrupt or involved in bankruptcy or receivership proceedings and there is no judgment or pending legal action against the vendor that could impair its operations in the foreseeable future;
f. Supplier Code of Conduct Form under Annex-II: adherence to supplier code of conduct, Ethical principles such as no child labor, etc. the relevant form must be completed, signed and stamped.
g. Vendors Qualification and Registration under Annex-III: Accurately complete, signed and stamped.
h. Deviation in payment schedule- No advance payment is made. Bidders that precondition acceptance of their bid to 'advance payment' will be considered non-responsive
i. Accurately completed, signed, and stamped this ITB and relevant attachments including BOQ and drawings.
j. Bidder shall commit having physical presence or office in [Herat Province] during the implementation of the project until the works are completed and successfully delivered to WVA.

II. TECHNICAL CRITERIA

<table>
<tr><th colspan="2">Description</th><th>Weighting/ Scoring</th></tr>
<tr><td>Site visit</td><td>- The bidder shall provide its findings from the site visit and attach any relevant photos that can demonstrate its understanding from the project site and objectives (10 Points).
- Written Confirmation of Site Visit in the named Site Locations</td><td>10</td></tr>
<tr><td>Working Schedule</td><td>- The total time for implementation of the task is 15 Calender days so please provide working schedule,broken down to specific activities per days from commencement (site take over) to Completion (Site handover) in a sequential manner. Break down of activities should be provided separately for each site. (5 Points).
-</td><td>5</td></tr>
<tr><td>Past Experience</td><td>- List of projects with all contracts attached (both completed and on-going, both domestic and international) indicating 10 years professinal expereince uniquely in the field of solar system (supply , installation and Commissioning)
- A list of at least Three (3) recent Works of similar in size and nature (minimum Value USD 15,000 per contract) for the last three (3) years, along with all contracts attached.
<table>
<tr><th>#</th><th>Name of Project / Type of work</th><th>Total value of the performed works (.....)</th><th>Client Name Contacts</th><th>Start Date</th><th>End Date</th><th>Contracting Authority and Place</th></tr>
<tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table>
The total score allocated for similar experience is 40 points, bidders who prove 10 years professional experience uniquely in the field of soalr system receive (20) score and if they meet the number of recent similar work experiences as above receive the remained score (20), and scoring per recent similar work experience is calculated using the following formula:
T/N *S
T=Total score, the maximum score assigned to the similar experience
N=Number of similar experiences defined to be fulfilled by the bidder
S= Number of bidder with similar experience
Note1: For ten years professional exprince pleaes provide proves (company stablishment licence for Solar System, proves of conducted contracts in the past) the score will be considered as per number of years of experince proved.
Note2: For the recent similar work experince, listing alone without supporting documents (contracts and completion certificate) reveive zero score.</td><td>40</td></tr>
<tr><td></td><td>Management Structure and technichal Personnel (Electrical Engineer is a must) – This section should include the comprehensive curriculum vitae (CVs) of technichal personnel that will be assigned to support the implementation of the technical bid, clearly defining their roles and responsibilities. CVs should establish competence and demonstrate qualifications in areas relevant to the requirements of this ITB.
<table>
<tr><th>#</th><th>Proposed Personnel/Manpower</th><th>Role on the Project +Curriculum Vitae-CV</th></tr>
</table></td><td>10</td></tr>
</table>

	1		
	2		
	3		
	4		

- Proposed list of personnel/manpower relevant to the activity **(20% Weight)**
- CVs of key personnel and their experience and assigned role for the implementation of this contract **(80% Weight).**

Sustainability Criteria

Criteria used to evaluate the impact a bidder has on the environment, local economy and community, contractor shall develop its own methodology on how to have a significant impact to environment, local economy and community by this contract **(Each Pillar 33.3% Weight)**:

Pillar	Indicators
Economic	- Employment generation; - Value for Money; - Value Engineering; - Innovative implementation approach;
Environmental	- Using alternative energies e.g. solar, wind; - Water management; - Pollution and waste management; - Environmental management system; - Protection of forests and plants;
Social	- Safeguards of the human rights; - Child and adults safeguards; - Health and safety of labour and beneficiaries; - Gender equality

5

III. Financial Evaluation

Description		Weighting/ Scoring
Financial Capacity	Period of Bid Validity commencing on the submission date , should be 60 or more days. • Any Bid that has a Validty Period of less than 60 Days will be scored at Zero	15
	Proof of financial stability and adequacy of resources to complete the delivery of goods and provision of related services required Bid. • Latest bank statement duly endorsed with the bank's authorized signatory stamp is required as confirmation with minimum liquidity of USD 20,000.	15
Total Financial Score		**30**

The weights given to the Technical (T) and Financial (F) Bids are:

Total Technical Score: 100

Technical Passing Score: 50 (Weighted)

Technical Bids (St): 70%

Financial Bids (Fs): 30%

The lowest evaluated Financial Bid (FB) is given the maximum financial score (Fs) of 100.

The formula for determining the financial scores (Fs) of all other bids is calculated as following:

Fs = 100 x Fm/ F, in which “Sf” is the financial score, “Fm” is the lowest bid price, and “F” the price of the bid under consideration.

T = 0.7

F = 0.3

The evaluated bids are ranked according to their combined technical (St) and financial (Fs) scores using the weights (T = the weight given to the Technical Bid; F = the weight given to the Financial Bid; T + F = 1) as following: S = St x T% + Sf x F%.

8. SITE LOCATION:

LOT #	Province	District	Village
1	Herat, Afghanistan	Khushk-e-Kuhna	Khaja Marvi Ghoriha
2		Pashtoon Zarghon	Dasht Nazan
3		Khushk-e-Kuhna	Kariz Bi Bi

9. Performance Security

The successful Bidder shall provide a Performance Security in the form of a bank guarantee, bank deposit or any other means acceptable to the WVA equivalent to 10% of the contract sum. The performance security shall be valid for a period 28 days beyond the defects liability period, which is 6 months effective from physical completion of the construction works. The performance security shall not be discharged or returned until the defects liability period is safely secured.

10. Payment

The payment is made on a milestone basis in proportional installments according to the actual progress of the works achieved and endorsed by the project engineer after measurement. No advance payment is made. The Contractor shall foresee the required financial arrangement for mobilization and startup of the project.

11. Time of Payment:

The payment is made within 30 days after receipt of a commercial invoice, certification of site works by the WV Technical Supervisor and any other relevant site approval if needed.
Registered companies/contractors with a valid business/AISA license have to pay 2% tax in strict compliance with the Ministry of Finance, Government of Afghanistan.

Individual Contractors without no business/AISA license have to pay 7% tax from the total contracted amount. The mentioned tax percentage would be deducted from the contractor's contract value through World Vision Afghanistan and will be transferred to ministry of finance bank account.
At the time of payment, if there was delayed completion within the contract agreed period, liquidated damages will be imposed and enforced. The amount of damage shall be liquidated as 0.5% of the total of the Purchase Order per calendar day for each day's delay in the excess of the number of days prescribed; subject to a maximum of ten percent (10%) of the initial Purchase Order, following which the contract shall be terminated.

12. Correction of Arithmetical Errors

If the Bid is substantially responsive, the Employer/ WVA corrects any arithmetical errors on the following basis:

a. If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

b. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

c. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

13. Format and Signing of Bid

A person duly authorized to sign on behalf of the Bidder shall sign the Bid. This authorization shall consist of a written confirmation of Power of Attorney. The name and position held by each person signing the authorization must be typed or printed below the signature.

14. Miscellaneous Technical Terms:

a. The BOQ will constitute an integral part of the Contract and it shall be duly completed, stamped and signed by authorized person on behalf of the bidder. Any addition, deletion or alteration in the BOQ may result in rejection of the Offer. Please have a Site visit before submit your offer and attached the site visit picture with your bid documents.

b. The works actually executed shall be measured; contractor shall visit the site of the works and obtain all information that may be necessary for completing their offer as under the provision of this contract no claim for additional work is accepted once the contract is signed.

c. Mobilization, Demobilization, Access road to construction site or other temporary works required for the execution of the items listed above, and site restoration will be the responsibility of the contractor. Hence, all the unit prices above are assumed to cover all activities associated with the works mentioned, and the total contract cost quoted is all-inclusive to complete the total works.

d. Work Completion Certificate will provide after the measurement take place by WV team. The network scheme (length of the pipes) may change in field due to the community members request so the pipes will measure based on actual work completed in field with consideration of the quality of the work then the work completion certification will provide.

COMPANY INFORMATION

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

Bank Name	
Bank Branch	
Name	
Swift	
Beneficiary Account Number	
Account Type	

LOT NUMBER 1

Summary Sheet of (BoQ)
Solar Powered Water Supply Network at Khaja Marvi Ghoriha village
ولایت هرات اعمار شبکه آبرسانی سیستم سولری قریه خواجه مروی غوری ها ولسوالی کشک کهنه بیل احجام

Province: **Herat**
District: **Kushk-e-Kuhna**
Village: **Khaja Marvi Ghoriha**

NO	ITEMS موضوعات	UNIT واحد	Work quantity and cost estimated برآورد احجام کاری		
			QUANTITY مقدار	Unit Cost (Af) قیمت فی واحد	Total cost(Afs) قیمت مجموعی
Part A: Solar System Pump and invertor					
1	Submersible Pump 4SR8/23, 5.5HP 4Kw 380V; 8 m3/hr at head 96m ***Preferred Brand or Equivalent*** • *Pedrollo Made in Italy with min 2 years warranty*	No	1		
2	Wire 4*4mm2 for submersible pump	m	40		
3	Solar Pump Controler /Inverter -Hybrid system **Preferred Brands or Equivalent** • Vacon Grundfos/Hober	No	1		
4	Solar Panels:270-Watt, Model Made in Europe with clear brand name and serial number under the glass layer of solar panels. All solar panels specification including serial numbers must be confirmed by the companies which produce solar panels officially. **Specifications:** Nominal Operating Cell Temp: (-40°C)-(+85°C) Peak power (P max): 270Watt Module Efficiency: 16.47% Maximum Power Voltage: (31-32) V Maximum Power current: (8.5-9.5)A Open Circuit Voltage: (38.0-39.5)V Short Circuit Current: (9-10) A Cells per module: 60(6*10) Panel Dimension: 1648*995*35mm Max.Wind/Snow Load: 2400/5400Pa Weight: 18kg Performance to 10 years (min 90% power output), Performance to 25years (min 80% power output), must be confirmed by producer company, Visible label on solar panel with technical specification. **Preferred Brands or Equivalent:** • Tommatech Polycrystalline • Lorentz Polycrystalline • Grundfos Polycrystalline	No	20		
5	Electrical solar cable 2*6mm2	m	40		
6	Maintenance box for inverter Switch	No	1		
7	Plastic Rope	m	40		
8	Stand for solar panels, able to be rotated manually	No	2		
9	Well Probe Sensor complete set	No	1		
10	Electrical sensor cable 3*1 .5mm2	m	350		
11	Float switch (Mechanical device for tank water level detection)	No	1		
12	Complete Earthing system [Earth Continuity Conductors, Earthing Lead & Earth Electrode	set	1		
13	Delivery and Installation Cost	Ls	1		
Total Cost					

Summary Sheet of (BoQ)
Solar powered Water supply network at Dshti Nazan village
ولایت هرات اعمار شبکه آبرسانی سیستم سولری قریه دشت نیزان ولسوالی پشتون زرغون بیل احجام

LOT NUMBER 2

Province: **Herat**
District: **Pashtoon Zarghon**
Village: **Dasht Nazan**

NO	ITEMS موضوعات	UNIT واحد	Work quantity and cost estimated برآورد احجام کاری		
			QUANTITY مقدار	Unit Cost (Af) قیمت فی واحد	Total cost(Afs) قیمت مجموعی
Part A: Solar System, pump and invertor					
1	Submersible Pump 4SR8/23, 5.5HP 4Kw 380V; 8 m3/hr at head 96m ***Preferred Brand or Equivalent*** *Pedrollo Made in Italy with min 2 years warranty*	No	1.00		
2	Wire 4*10mm2 for submersible pump	m	120.00		
3	Solar Pump Controler /Inverter -Hybrid system **Preferred Brands or Equivalent** Vacon Grundfos/Hober	No	1.00		
4	Solar Panels: 455W Mono crystalline 49.4V 11.67A) 455-Watt TT455-144PM-HC 455Wp Model, Mono Crystalline Cell Technology, Made in Europe with name and serial number under the glass layer of solar panels. all solar panels specification including serial numbers must be confirmed by the companies which produce solar panels officially. Specifications: Nominal Operating Cell Temp: (-40°C)-(+85°C) Peak power (P max): 455Watt Module Efficiency: 20.90% Maximum Power Voltage: (41.6) V Maximum Power current: (10.94)A Open Circuit Voltage: (49.4)V Short Circuit Current: (11.67) A Panel Dimension: 2095*1039*35mm Max.Wind/Snow Load: 2400/5400Pa Weight: 24.5kg Performance to 10 years (min 90% power output), Performance to 25years (min 80% power output), must be confirmed by producer company, Visible label on solar panel with technical specification. **Preferred Brands or Equivalent:** • Tommatech Monocrystalline • Lorentz Mono crystalline • Grundfos Mono crystalline	No	36.00		
5	Electrical solar cable 2*6mm2	m	40.00		
6	Maintenance box for inverter Switch	No	1.00		
7	Plastic Rope	m	100.00		
8	Stand for solar panels, able to be rotated manually	No	4.00		
9	Well Probe Sensor complete set	No	1.00		
10	Electrical sensor cable 3*1 .5mm2	m	150.00		
11	Float switch (Mechanical device for tank water level detection)	No	1.00		
12	Complete Earthing system [Earth Continuity Conductors, Earthing Lead & Earth Electrode	Set	1.00		
13	Delivery and Installation Cost	LS	1.00		
Total Cost					

LOT NUMBER 3

Summary Sheet of (BoQ)

Solar powered Water supply network at Kariz Bi Bi village

ولایت هرات اعمار شبکه آبرسانی سیستم سولری قریه کاریز بی بی ولسوالی کشک کهنه بیل احجام

Province: **Herat**

District: **Kushk-e-Kuhna**

Village: **Kariz Bi BI**

NO	ITEMS موضوعات	UNIT واحد	Work quantity and cost estimated برآورد احجام کاری		
			QUANTITY مقدار	Unit Cost (Af) قیمت فی واحد	Total cost(Afs) قیمت مجموعی
Part A: Solar System, water pump and invertor					
1	Submersible Pump 4SR8/23, 5.5HP 4Kw 380V; 8 m3/hr at head 96m ***Preferred Brand or Equivalent*** *Pedrollo Made in Italy with min 2 years warranty*	No	1.00		
2	Wire 4*4mm2 for submersible pump	m	100.00		
3	Solar Pump Controler /Inverter -Hybrid system **Preferred Brands or Equivalent** Vacon Grundfos/Hober	No	1.00		
4	Solar Panels:270-Watt, Model Made in Europe with clear brand name and serial number under the glass layer of solar panels. All solar panels specification including serial numbers must be confirmed by the companies which produce solar panels officially. Specifications: Nominal Operating Cell Temp: (-40°C)-(+85°C) Peak power (P max): 270Watt Module Efficiency: 16.47% Maximum Power Voltage: (31-32) V Maximum Power current: (8.5-9.5)A Open Circuit Voltage: (38.0-39.5)V Short Circuit Current: (9-10) A Cells per module: 60(6*10) Panel Dimension: 1648*995*35mm Max.Wind/Snow Load: 2400/5400Pa Weight: 18kg Performance to 10 years (min 90% power output), Performance to 25years (min 80% power output), must be confirmed by producer company, Visible label on solar panel with technical specification. **Preferred Brands or Equivalent:** • Tommatech Polycrystalline • Lorentz Polycrystalline • Grundfos Polycrystalline	No	20.00		
5	Electrical solar cable 2*6mm2	m	40.00		
6	Maintenance box for inverter Switch	No	1.00		
7	Plastic Rope	m	40.00		
8	Stand for solar panels, able to be rotated manually	No	2.00		
9	Well Probe Sensor complete set	No	1.00		
10	Electrical sensor cable 3*1 .5mm2	m	350.00		
11	Float switch (Mechanical device for tank water level detection)	No	1.00		
12	Complete Earthing system [Earth Continuity Conductors, Earthing Lead & Earth Electrode	Set	1.00		
13	Delivery and Installation Cost	LS	1.00		
Total Cost					

Annex – II Vendors Qualification Registration Form

Annex II Supplier
Registration Form_WV

Annex – III Vendors Code of Conduct

Annex III World
Vision Supplier Code

BID SUBMISSION SUMMARY

Lot	Province	District	Village	Total Cost, Inclusive of Taxes, in AFN	Calendar Days to Complete Each Site
1	Herat	Khushk-e-Kuhna	Khaja Marvi Ghoriha		
2	Herat	Pashtoon Zarghon	Dasht Nazan Village		
3	Herat	Khushk-e-Kuhna	Kariz Bi Bi Village		
Grand Total					