



Request for Quotation (RFQ)
For Construction of four (4) Solar Powered Water Centers in Baghlan Province

Issue Date: 26 July 2023
Closing Date: 06 August 2023
RFQ Validity: 45 days

RFQ# ORCDG/2023/139

1. Introduction

ORCD Global Inc. is a U.S. based non-governmental, and not-for-profit founded in 2017. ORCDG was registered in the State of California, United States of America (USA) on 05 November 2017 (Registration No: C4076735). Later, it was registered as an international organization in Afghanistan in December 2018 (Registration number 460).

ORCDG with fundings from Penny Appeal is implementing a project which aims at provision of clean drinking water to four needy communities in Baghlan province. The project is titled **“4 Solar Powered Water Centers - Baghlan Province, Afghanistan”**.

ORCDG cordially requests all the bidders to read the requirements of this document thoroughly, provide each and every document accordingly and avoid offering unrealistic prices.

2. Scope of Services

ORCDG is planning to construct the solar powered centers in the locations specified below. The construction of these SPWCs must be carried out in accordance with the engineering drawings and specifications indicated in sub-sections below.

2.1. Location Details:

SN	Province	District	Village
1	Baghlan	Baghlan Jadid	Qumghurat
2	Baghlan	Doshi	Shahrak Mohammad Din Refugee Camp
3	Baghlan	Pulikhumri	Hussain Khil
4	Baghlan	Pulikumri	Khwaja Alwan Refugee Camp, Hazar Char

Please Note: The locations might change in coordination with PRRD.

2.2. Technical Specifications: The technical specifications (Drawings) of the SPWC are attached to this RFQ.

2.3. Bill of Quantities for Construction of Solar Powered Water Centers:

A	BoQ for construction of 100 meters deep well				
SN.	Description	Unit	Quantity	Unit Cost (USD)	Total Cost (USD)
1	Well drilling with rotary machine (diameter 14")	M	100		
2	Supply and Installation of PVC casing pipe class -E, dia. 8"	M	80		
3	Supply and installation of Filter pipe PVC Class-E. (8 inches dia.)	M	20		
4	Gravel Packing around casing and filter pipe using specific size river gravel	M3	8		
5	Back filling for casing pipe using specific clay soil without gravel stone and other chemicals	M3	3.5		
6	Well Development and cleaning using Air Compressor Machine (Compressor Test) The compressor should have a pressure capacity of 12 bars. The test must continue as one job until the water is clean from mud, silt and the turbidity is less than 5 NTU.	Job	1		
7	Pump test for determination of Hydrogeological Parameters of well (The test must continue for 8 hrs. continuously)	hour	8		
8	Water quality testing (including physical, biological and chemical tests) through a certified Lab (The contractor should consider the timely transportation of water samples to the Lab in a standard manner) Report results will be checked	Job	1		
9	Well header	set	1		
Subtotal					
B	BoQ for Solar pump and PV Panels to Elevated Water Tank				

1	Supply and installation of Submersible Solar pump with inverter, control box in stainless steel. EN 1.4301 (AISI 304). EN 1.4401 (AISI 316). EN 1.4539 (AISI 904L). Rated power - P2: 2.5 kW Rated voltage: 220-230 V Main frequency: 50 Hz Total head: 120 m (All the necessary materials should be European Standard)	Set	1		
2	Supply and installation of Solar panels' internationally certified by IEC, ISO, TUV and CE Solar module type: POLYCRYSTALLINE or MONOCRYSTALLINE Minimum power output: 250-270 W (All the necessary materials should be European Standard)	pcs	16		
3	Solar Panel stand Steel 25 & 45 deg. Large (panels support Structure, manually rotatable) including full installation and construction activities. The stand and frame must be high quality and should resist extreme weather conditions such as wind and other environmental conditions. ORCDG Engineer's instruction should be sought beforehand	pcs	1		
4	Cable 4X10 mm ²	m	250		
5	Cable splice kit 2,5-6mm ²	pcs	2		
6	Hit for water pipe	No	1		
7	Cable 2X1.5 mm ²	No	80		
8	Conduit pipe	m	80		
9	Wire tie white and black	PKTs	2		
10	Safety rope	m	250		
11	Cable 1X10 mm ²	set	40		
12	Ground Rod With cooper cable	Set	1		

13	Adapter pipe	PCS	1		
14	PE Pipe 1.5" Inches	m	130		
16	Installation Charges for Solar Water pump system without RCC Foundation and Delivery Charges for Solar Water pump system.	Job	1		
Subtotal					
C	BoQ for Elevated RCC Water Tank 17.3 m³				
1	Excavation of earth for RC and Stone masonry footings of water tank and boundary walls	M3	32		
2	Reinforced Concrete for foundations, columns, beams and slabs and Ring Beam (Concrete M-200, 1:1.5:3) including all necessary activities	M3	14.7		
3	Brick work (Water Tank + boundary wall) with cement mortar (1:4)	M3	28.2		
4	Plain cement concrete for guard room floor and below all foundations including boundary wall	M3	5.1		
5	Stone masonry foundation for water tank and boundary wall (including cement mortar (1:4))	M3	22.3		
6	Plastering of interior and exterior walls of water tank building and surrounding wall, Mortar (1:3)	M2	258		
7	Painting of interior and exterior walls of building and surrounding wall in two coats with 100% weather resistant plastic emulsion (including drawing donor specified special paintings, logos and names on the water tank)	M2	227		
8	waterproof membrane, t= 2mm (rooftop)	M2	13		
9	Waterproofing interior walls of the tank with concrete chips (thickness 2.5cm	M2	42		
10	Waterproofing material for interior walls of the tank (Isomat Kahruba)	Bag	8		
11	Providing and installation of a wooden door and window for guard room (including 4 mm thick glass)	LS	1		
12	Marble plaque or sign board with size (1*1.5)M	PCS	2		

13	Providing plumbing equipment's (including PVC pipes for water inlet, outlet, and overflow) and plumbing work	LS	1		
14	Galvanized Iron (GI) Pipe for water distribution (3 inch diameter, 4mm thickness, water taps should be welded in the pipe and both ends should be closed)	M	25		
15	Water taps (6) and gate valves (8)	PCS	14		
16	Landscaping around solar powered tank	LS	1		
17	Providing and installation of steel doors for surrounding wall	LS	2		
18	Providing and installing vertical downspouts (GI Sheet Gauge 24) including other necessary requirements	M/L	11		
19	Supply and installation of iron gate for reservoir manhole (Iron Sheet)	No	1		
Subtotal					
Total Cost for the completion of All Activities (1 SPWC)					
Grand Total for 4 SPWCs					

3. Shortlisting and evaluation

All the proposed bids will undergo a two-stage evaluation procedure ensuring ORCDG and donor compliance. The first stage will be a pre-qualification phase. Vendors must comply and pass each of the criterion in the first stage. If a vendor fails in the first evaluation stage, they will not be eligible to proceed further and will be eliminated.

The first Evaluation Stage contains the following:

(To be decided and filled by ORCDG)

First Evaluation (Prequalification stage) Stage			
SN	Pass/Fail Criteria	Pass	Fail
1	Submission of a valid business license, registered with the Ministry of Commerce/other relevant government department		



2	Bid properly sealed with all technical and financial bids submitted without correction in a sealed envelope with contact number & Company Official Email address clearly written on top of the envelope		
3	Provided a proposal with validity of 45 calendar days from the closing date of the RFQ (should be provided through a letter; signed and stamped)		
4	All submitted bid documents including supporting documents and annexures properly completed, signed, and stamped.		
5	Financial Bids provided in ORCDG RFQ template only		
6	A bid security amount of up to USD 2,000 provided (through an official letter from one of the legal banks in Afghanistan)		

If a vendor fails to meet any of the above criterion, their bid will be eliminated, and the bidder will be disqualified from the process.

The Second Evaluation stage shall be conducted by a technical committee after bid opening. This stage will be comprised of both Technical and Financial evaluation of all the bids which have passed the prequalification stage. Details, maximum scoring and scoring criteria of the second stage is as follows:

(Scores to be given by ORCDG)

Second Evaluation Stage			
SN	Criteria	Score Received	Max. Score
1	Lowest Financial Bid*		30
2	<p>Similar Experience and Previous Performance supporting documents, only a list of completed and ongoing projects is not acceptable.</p> <ol style="list-style-type: none"> Overall, at least 6 years of experience in construction/WASH projects (Excluding projects that consist of construction of deep wells and water tanks) (3 contracts of the previous experience should be provided) – 10 marks. Three similar contracts (similar contracts means that the company has implemented projects that included activities of well drilling, construction of water supply networks and water storage tanks) – 15 marks. 		25
3	<p>Qualification and experience of proposed key and technical personnel (Project Manager, Engineers, Administrative staff)</p> <p>Mandatory staff:</p>		15



	<p>1. One Project Manager – At least bachelor’s degree in engineering. 4 years of work experience in management of construction and WASH projects – 5 marks</p> <p>2. Two Site Engineers – Holding a BSc. Degree in Civil or Water Supply Engineering, at least 3 years of experience in Water Supply pipe scheme and WASH projects as an Engineer – 5 marks</p> <p>3. One Admin/Finance officer – Holding a BBA or Economics degree, at least two years of experience as a finance and admin officer in a well-known company/organization – 2 marks.</p> <p>4. One Media Officer/photographer: Required: At least high school graduate. Have at least 1-year proven experience in managing and editing media (Photos and videos). Desirable: Experience in photography for humanitarian projects – 3 marks</p> <p>The bidders are requested to avoid attaching additional and irrelevant CVs.</p>		
4	Realistic and comprehensive work plan for the completion of project (timeframe for each activity i.e., well drilling, installation of pipes, construction of boundary wall, construction of guard room, construction of water tank, installation of solar pump, installation of solar panels, activation of solar system, handover, etc. should be clearly mentioned in the work plan**, the maximum timeframe for the work plan should not exceed 3.5 months)		10
5	Organization Capacity (Office existence and presence in the target province; addresses of main office and field offices to be provided, a list of total number of staff members, list of machinery and equipment)		10
6	Updated Original Bank Statements (Last six months statements) (5 marks) (Statements of periods more than the last six months will be given zero marks) Updated (Last fiscal year) Tax Filing (Izhar Nama) documents (5 marks)		10
Total			100



* The lowest price shall be scored a total of 30. However, prices ranked lower shall be scored according to the following formula: $\text{Score} = (30 \times \text{lowest price}) / \text{price under consideration}$

ORCDG holds the right to disqualify bids that have provided unrealistic and illogically low or high prices.

Other criteria will be scored after a technical evaluation by the committee.

** If selected as a sub-contractor, ORCDG will require the company to provide high quality photos and videos of different stages of construction for each well.

3.1. Bid opening, Bid evaluation and announcement of results:

Bid opening of all the received quotes/proposals will be conducted after the closing date in presence of all the bidders. ORCDG will invite the bidders through email or phone. The bidders must note that according to the criteria set forth above, the lowest price is not an indicator of being successful as each of the above criterion needs to be fulfilled.

Technical and financial evaluation of bids will be conducted after the completion of bid opening by an internal impartial committee. All the bidders will be informed of the results through email by ORCDG logistics department.

Bidders who are not satisfied with the result have the right to raise a complaint by submitting an official petition/complaint letter to ORCDG main office. The letter should be written in the company letter head and should be signed and stamped by the most senior person in the company. However, it should be noted that the complaints need to be backed by strong reasons and arguments. If the complaint was found illogical or irrational, the bidder might even be blacklisted and will not have the right to work with ORCDG in future.

The timeframe for submitting a complaint is up to **2 days** after the announcement of results. Complaints received after the abovementioned deadline will not be considered.

4. Confidentiality and Conflicts of Interest

- ✓ It is a further condition of proposing that you will keep confidential the information disclosed to you in this invitation to proposal and in connection with the invitation and your response to the invitation. You must also return to ORCDG any information disclosed (and any copies you have made of this) if requested and must only use such information for the purposes of making the proposal.
- ✓ In the same manner, any information received relating to the proposing company will be treated in the strictest of confidence by the ORCDG.
- ✓ A company will not be eligible for appointment if any of its partners, directors or major shareholders is a member of the ORCDG Board or the staff of ORCDG.



- ✓ Companies must declare, as part of the proposal, whether any partners, directors, major shareholders, senior staff, or the partners/spouses of any of these listed are:
 - Members of ORCDG Board or related to any such member.
 - An employee of ORCDG or related to any such employee.
- ✓ Companies should also identify any work they are currently undertaking, or bidding for, which could cause a conflict of interest, and indicate how they will deal with this potential conflict if the contract is awarded.

5. Form of proposal – information to be provided.

To be considered, your proposal submission must include the following information. Failure to supply such information, in the requested format where specified, will result in your proposal not being considered.

5.1. The RFQ will be evaluated using the aforementioned technical and financial criteria. Proposals should address each criterion in the first stage in order to qualify for the second stage otherwise their bids will be considered ineligible and therefore eliminated.

5.2. Information about your company:

- a. A short profile of your company with emphasis on the different services you supply. If the company is part of a group of companies, or is a subsidiary or parent company, please also give details of the group.

5.3. Experience:

- a. Details of your firm's experience of providing similar services, and in particular experience of working with similar organization's funded projects in Afghanistan.

5.4. Costs:

- a. All cost shall be inclusive of all applicable taxes as per taxation law of the government of Afghanistan, www.mof.af, TA/DA.
- b. The quotation price should be given in USD.

5.5. Payment:

- a. Once the contract is signed with a company all the payment will be processed through bank transfer, the company is not supposed to request ORCDG for cash or cheque payment.
- b. Additionally, the payment will be processed to partner company's bank account not individual bank account.

6. Submission Procedure

- ✓ Please submit the hard sealed stamp copies of RFQ and send it to ORCDG Office House# 28, Street of Shams London Academy Girls School, Shaheed Square, Taimani Project Kabul, Afghanistan by **02:00 PM (AFT), 06 August 2023** or before the deadline.



- ✓ Should you have any questions, please feel free to contact us via tender@orcdglobal.org
- ✓ No proposal will be considered if received after the deadline set out above.

7. Disclaimer

ORCDG is not bound contractually or in any other way to any Proponent to this request for proposal/bid. The organization is not liable for any costs or compensation in relation to the consideration of this Request for submission of proposal/bids by the Proponents whether or not the organization terminates, varies, or suspends the process or takes any other action permitted under this Request for proposals/bids.

The organization may, at its absolute discretion, elect to abandon any part or whole of the process without giving prior notice to the Proponents or potential Proponents.

Sincerely,

Procurement & Logistic Department
ORCDG Global Inc.