

REQUEST FOR QUOTE No. RFQ-AUWS-2020-000173 (PROVISION OF SUBMERSIBLE WATER PUMPS)

Buyer Name: AECOM/AUWS Telephone: 0707877722 Fax: NA Email: auws.quotation@auwsaf.com Address: The Baron, City: Kabul, Afghanistan	Ship to Name: Attention: Procurement Unit Address: AECOM/AUWS Office Kabul City/State: Kabul City Telephone: 0707877722	Vendor Name: Attention: Address: Telephone: Email:	Business Size:
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Issue Date:	May 18, 2020
Quote Due Date:	June 07, 2020
Question Due Date:	May 27, 2020
Quote Valid Until:	August 7, 2020

Required Delivery Date
15 days after acceptance of offer

Commercial Item:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Payment Terms:	Net 30
FOB:	<input type="checkbox"/> Origin <input type="checkbox"/> Destination

Background:

AECOM is currently implementing the USAID-funded Afghanistan Afghan Urban Water and Sanitation (AUWS) Activity. AUWS seeks to increase access to urban water and sanitation services for residents in six (6) Afghan cities serviced by the Afghanistan Urban Water Supply and Sewerage Corporation (AUWSSC) and the Afghan government. The AUWS activity works directly with AUWSSC, Ministry of Urban Development and Land (MUDL), and relevant municipal or provincial governments and in coordination with other donors as appropriate. The scope of this activity includes business and financial planning, infrastructure and equipment improvements, transparency or efficiency support, and service delivery planning. Increased access to services may include new access, improved access, or improved service quality. The AUWS activity supports AUWSSC at their Kabul headquarters and sub-offices. The six urban areas planned for this activity correspond to the Afghan cities where AUWSSC headquarters and strategic business units are located: namely Kabul, Herat, Jalalabad, Mazar e Sharif, Kandahar, and Kunduz.

Submission Requirements:

Questions: Questions regarding the technical or administrative requirements of this RFQ may be submitted no later than 05:00PM local Kabul time on May 27, 2020 by email to auws.procurement@auwsaf.com questions must be submitted in writing; phone calls will not be accepted.

Quotation Submission: The vendor should submit its quotation electronically (**In one PDF File**). Please email your offers to auws.quotation@auwsaf.com by the designated deadline only. Quotations submitted to any other email will be disqualified and rejected by AUWS.

Please indicate **RFQ-AUWS-2020-000173 – Provision of Submersible Water Pumps** in the subject line of the email.

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- All Quotations must be **signed and stamped** by an authorized representative.
- Quotations must provide a complete address, telephone number and e-mail address of the company.
- Vendor shall submit their prices in their quotation format, but Minimum Terms and Conditions **must be completed** (mandatory).
- Vendors must submit quotations with detailed description/specification, model and brand.
- Vendors must provide all the requested documentation.
- Vendors must accept AECOM/AUWS all term and conditions and requirements.
- In case of price discrepancy between unit price and SUBTOTAL/GRAND TOTAL, the unit price shall govern.

Tax: Withholding Tax on Subcontractor:

Government withholding Tax: Pursuant to Article 72 in the Afghanistan Tax law effective March 21, 2009, AECOM/AUWS is required to withhold “contractor” taxes from the gross amount payable to all Afghan for-profit subcontractor/vendors with aggregate amount of AFN 500,000.00 annually or greater and transfer this to the Ministry of Finance. In accordance with this requirement, AECOM/AUWS shall withhold 2% tax from all gross invoices from subcontractors/vendors under this Agreement with active and relevant business license issued by Ministry of Commerce. For subcontractors /vendors without active or irrelevant business licenses, AECOM/AUWS shall withhold seven percent 7% “contractor” tax per current Afghanistan Tax law.

Items Specifications:

AECOM/AUWS is looking for eligible and registered vendors (**Direct Providers**) to provide Submersible Water Pump including delivery, testing, services and along with starter panels for emergency over-pumping and dewatering protection system in the following four SBUs located in Jalalabad, Kandahar, Zaranj under Kandahar, Kunduz and Kabul provinces of Afghanistan.

Table 1: BOQ, Itemized for Submersible Water Pump:

No	Description	Location/ Zone	Unit	Quantity	Unit Cost (AFN)	Total Cost (AFN)
Kabul Province:						
1	Submersible Water Pump German – KSB Technical Specifications: Diameter 12 inches, Capacity 140 kw, Height 80-102-meter, Voltage 400V, Ampere 276A, RPM 2900 and Discharge Capacity 580 CUM/H	Kabul SBU – Logar Project	Each	4		
2	Submersible Water Pump German – KSB Technical Specifications: Diameter 6 inches, Capacity 33 kw, Height 40-meter, Voltage 400V, Ampere 70.15A, RPM 2900 and Discharge Capacity 53 CUM/H	Kabul SBU – Logar Project	Each	5		

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3	Submersible Water Pump German – KSB or alike Technical Specifications: Diameter 6 inches, Capacity 58 kw, Height 100-meter, Voltage 400V, Ampere115A, RPM 2900 and Discharge Capacity 216 CUM/H	Kabul SBU - 8 th Zone (Lift Station)	Each	1		
4	Submersible Water Pump German – KSB or alike Technical Specifications: Diameter 3 inches, Capacity 30 kw, Height 220-meter, Voltage 400V, Ampere60A, RPM 2900 and Discharge Capacity 65 CUM/H	Kabul SBU – 8 th Zone (Khaja Rawash)	Each	1		
5	Submersible Water Pump German – KSB or alike Technical Specifications: Diameter 5 inches, Capacity 55 kw, Height 120-meter, Voltage 400V, Ampere110A, RPM 2900 and Discharge Capacity 90 CUM/H	Kabul SBU – 8 th Zone (Iron Concrete)	Each	2		
6	Submersible Water Pump German – KSB or alike Technical Specifications: Diameter 5 inches, Capacity 55 kw, Height 120-meter, Voltage 400V, Ampere110A, RPM 2900 and Discharge Capacity 90 CUM/H	Kabul SBU – 4 th Zone (Elm o Farhang)	Each	1		
Kandahar Province – Zaranj WD:						
1	Submersible Water Pump – Italian or alike Technical Specifications: Diameter 5 inches, Capacity 30 kw, Height 80-100M, Voltage 380V, Ampere55A, RPM 2900 and Discharge Capacity 80-90 CUM/H	Kandahar SBU – Zaranj WD (1 st and 4 th)	Each	2		
2	Submersible Water Pump – Italian or alike Technical Specifications: Diameter 4 inches, Capacity 26 kw, Height 80-100M, Voltage 380V, Ampere55A, RPM 2900 and Discharge Capacity 70-80 CUM/H	Kandahar SBU – Zaranj WD (2 nd and 7 th)	Each	2		
Kandahar Province SBU:						
1	Submersible Water Pump Technical Specifications: Diameter 6 inches, Capacity 73.5 kw, Height 140M, Voltage 400V, Ampere145A, RPM 2900 and Discharge Capacity 112.5 CUM/H	Zone 4 th , LoVialay Well No.1 & 2	Each	2		
2	Submersible Water Pump Technical Specifications: Diameter 6 inches, Capacity 55kw, Height 100M, Voltage 400V, Ampere 110A, RPM 2900 and Discharge Capacity 127.5 CUM/H	Zone 1 st and 2 nd -LoVialay Well No.4 & 5	Each	2		
3	Submersible Water Pump Technical Specifications: Diameter 5 inches, Capacity 30kw, Height 80M, Voltage 400V, Ampere60A, RPM 2900 and Discharge Capacity 85 CUM/H	Zone 1 st and 3 rd - LoVialay Well No.8 & 12	Each	2		

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Nangarhar Province/Jalalabad SBU:						
1	Submersible Water Pump – Italian or alike Technical Specifications: Diameter 6 inches, Capacity 45kw, Height 65-145M, Voltage 400V, Ampere 90A, RPM 2900 and Discharge Capacity 25-90 CUM/H	Second Zone	Each	1		
2	Submersible Water Pump – Italian or alike Technical Specifications: Diameter 5 inches, Capacity 37kw, Height 65-146M, Voltage 400V, Ampere 75A, RPM 2900 and Discharge Capacity 25-91 CUM/H	Second Zone	Each	1		
3	Submersible Water Pump – Italian or alike Technical Specifications: Diameter 5 inches, Capacity 37kw, Height 65-147M, Voltage 400V, Ampere 75A, RPM 2900 and Discharge Capacity 25-92 CUM/H	First Zone	Each	1		
4	Submersible Water Pump – Italian or alike Technical Specifications: Diameter 6 inches, Capacity 45kw, Height 65-148M, Voltage 400V, Ampere 90A, RPM 2900 and Discharge Capacity 25-93 CUM/H	First Zone	Each	1		
5	Submersible Water Pump – Italian or alike Technical Specifications: Diameter 5 inches, Capacity 37kw, Height 65-149M, Voltage 400V, Ampere 75A, RPM 2900 and Discharge Capacity 25-94 CUM/H	Second Zone	Each	1		
Kunduz Province:						
1	Submersible Water Pump – Italian Grand Phase or alike Technical Specifications: Diameter 6 inches, Capacity 19kw, Height 65-150M, Voltage 400V, Ampere 38A, RPM 2900 and Discharge Capacity 14-70 CUM/H	Kunduz SBU - Kunduz	Each	1		
2	Submersible Water Pump – Italian Grand Phase or alike Technical Specifications: Diameter 6 inches, Capacity 19kw, Height 65-151M, Voltage 400V, Ampere 38A, RPM 2900 and Discharge Capacity 14-70 CUM/H	Kunduz SBU - Kunduz	Each	1		
3	Submersible Water Pump – Italian Grand Phase or alike Technical Specifications: Diameter 6 inches, Capacity 19kw, Height 65-152M, Voltage 400V, Ampere 38A, RPM 2900 and Discharge Capacity 14-70 CUM/H	Kunduz SBU - Kunduz	Each	1		
4	Submersible Water Pump – Italian Grand Phase or alike Technical Specifications: Diameter 4 inches, Capacity 19kw, Height 65-153M, Voltage 400V, Ampere 38A, RPM 2900 and Discharge Capacity 14-70 CUM/H	Kunduz SBU – Polekhumri	Each	1		

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5	Submersible Water Pump – Italian Grand Phase or alike Technical Specifications: Diameter 3 inches, Capacity 19kw, Height 65-154M, Voltage 400V, Ampere 38A, RPM 2900 and Discharge Capacity 14-70 CUM/H	Kunduz SBU – Polekhumri	Each	1		
6	Submersible Water Pump – Italian Grand Phase or alike Technical Specifications: Diameter 6 inches, Capacity 80kw, Height 65-155M, Voltage 400V, Ampere 158A, RPM 2900 and Discharge Capacity 216 CUM/H	Kunduz SBU – Taleqan	Each	1		
7	Submersible Water Pump – Italian Grand Phase or alike Technical Specifications: Diameter 6 inches, Capacity 30kw, Height 65-156M, Voltage 400V, Ampere 58A, RPM 2900 and Discharge Capacity 14-65 CUM/H	Kunduz SBU – Khanabad	Each	1		
8	Submersible Water Pump – German KSB or alike Technical Specifications: Diameter 6 inches, Capacity 58kw, Height 65-157M, Voltage 400V, Ampere 116A, RPM 2900 and Discharge Capacity 175 CUM/H	Kunduz SBU – Faiz Abad	Each	1		

FAR 52.203-11 Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions and FAR 52.203-12 Limitations on Payments to Influence Certain Federal Transactions are incorporated in full in ALL offers expected to exceed \$150,000 and governed by the FAR. Therefore, by signing/submitting an offer greater than \$150,000, you (subcontractor) hereby certify, to the best of your knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on its behalf in connection with the awarding of this contract. If any registrants under the Lobbying Disclosure Act of 1995 have made a lobbying contact on behalf of the offeror with respect to this contract, the offeror shall complete and submit, with its offer, OMB Standard Form LLL, Disclosure of Lobbying Activities, to provide the name of the registrants. The offeror need not report regularly employed officers or employees of the offeror to whom payments of reasonable compensation were made.

Grand Total in AFN	
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Offeror's Signature

Date

REQUEST FOR QUOTE No. RFQ-AUWS-2020-000173 (PROVISION OF SUBMERSIBLE WATER PUMPS)**A. Scope of Work:**

This SOW describes Contractor services to provide, deliver, and test different types of Submersible Water Pumps with all related items. The SOW includes the supply of Submersible Pumps with starter panels for emergency over-pumping and dewatering protection system. The Contractor shall comply with specifications identified in the following SOW. *For more detailed specification please refer to the Annex A of this RFQ.*

- a. In carrying out this provision, the Contractor shall furnish the personnel, services, and other requirements to perform this work in accordance with the directions of AECOM/ AUWS personnel. This SOW is applicable to the delivery and testing of Submersible Pumps along with starter panels for an emergency over-pumping and dewatering protection system for 4 SBU's located in Jalalabad, Kandahar, Zaranj under KDR, Kunduz and Kabul cities of Afghanistan.
- b. This service shall be performed by an experienced dealer to carry out the required work. AECOM/ AUWS will provide detailed information on the SBU main offices for delivery purposes. It is the responsibility of the Contractor to perform all necessary calculations for delivery of the Submersible Pumps and testing at the site.
- c. Vendor requires to provide quotation including delivery to all given location in section A of this RFQ.
- d. The supplier shall provide quality items that meet the specification required by the AECOM/ AUWS in advance during the bidding evaluation process.

B. Estimated Timeframe:

The Contractors shall submit estimated time frames of delivery for all specifications per location.

In the event the Contractor encounters difficulty in complying with the terms and conditions as stated, the Contractor shall immediately notify the AECOM/AUWS in writing giving full detail as justifications for the late delivery. Extension of delay will be granted if the justifications were valid/ acceptable for AECOM/AUWS.

Delivery must be as per the approved delivery schedule. The supplier must receive signed/stamp receipt of pump/s delivery from SBU representatives verified or witnessed by AECOM/AUWS representative.

Supply and delivery of Ineligible Countries products are not allowed and will be rejected. *See list of ineligible countries in part F.*

C. Applicable documents and Warranty Period:

The Contractor shall comply with the provided project specifications. The Warranty Period schedule shall be a part of the Contractors proposal. All failures that are suspected to be accrued during the warranty period, is the Contractor's responsibility for replacement/s.

The Contractor shall, at the time of delivery, provide a warranty of 1 year from the date of installation.

The Contractor shall provide two (2) copies of warranties to the AECOM/AUWS and AUWSSC within ten (10) working days after delivery of the pumps.

The Contractor agrees to replace the pump or designated parts that prove defective within the warranty by the Contractor. To make a claim under the terms of the warranty, as per the above statement, the Supplier/ Contractor must be available for pump/s replacement when required/requested

REQUEST FOR QUOTE No. RFQ-AUWS-2020-000173 (PROVISION OF SUBMERSIBLE WATER PUMPS)**D. Specifications/ Process:**

This specification covers technical requirements along with the testing process in the presence of AUWS/AUWSSC representatives. All Pumps shall be provided with all necessary instruments to operate safely at full load capacity.

Pumps shall be suitable for continuous operation. Pumps shall comply with the requirements of this technical specification and references stated below unless bidders are permitted to bid an "equal," alternative product.

E. Requirements:

- a. The Contractor shall perform planning functions and provide a schedule of delivery to AECOM/AUWS and AUWSSC personnel prior to the commencement of work. The detailed specifications are available in the SOW.
- b. Supplier shall provide a minimum of three reliable and well-known references, for which Supplier has provided similar goods/services as described herein that will qualify supplier to perform this contract.
- c. The supplier should have the ability to deliver all the requested items within 15 days of the issuance of Purchase Order.
- d. The quotation must be valid for a minimum of two months (60 days).

F. Term and Conditions:

- a. It is AECOM/AUWS's Policy that no gifts of any kind and of any value be exchanged between vendors/contractors and AECOM/AUWS's personnel. Discovery of the same will be grounds for disqualification of the vendor/contractor from participation in any AECOM/AUWS's procurements and may result in disciplinary actions against AECOM/AUWS's personnel involved in such discovered transactions.
- b. Ineligible Countries (MAY 1986): Unless otherwise approved by AECOM, funds will only be expended assistance to countries eligible for assistance under the Foreign Assistance Act of 1961, as amended, or under acts appropriating funds for foreign assistance: Burma (Myanmar), Cuba, Iran, North Korea, (North) Sudan, and Syria.
- c.
- d. Authorized Geographic Code of procurement for all goods or services is 935 (USAID, Special Free World)
- e. Subcontracting under this procurement is not allowed.

Cost Proposal and Schedule

The Contractor cost proposal shall be included in the attached bill of quantities. The total number of pumps is **37** with different specifications.

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No item shall be left blank and the total proposed cost shall be in writing. This offered cost should be in the AFN currency.

Technical Data

The Contractors are required to provide full technical data on capabilities pertaining to this project with all the conditions, stipulation, requirements, and regulations associated with the experience

Summary of Relevant Capability:

Experience and past performance: Include projects that best explains your experience relevant to this (RFQ) or similar activities, sorted by decreasing order of completion date. Projects should have been undertaken in the past three years (2018, 2019 and 2020).

No	Project Title and Description of Activities	Location of Province/District	Client Name/Tel #	Cost in US\$/AFN	Start Dates	End Dates	Completed on Schedule (Yes/No)	Subcontractor or Prime Contractor
1								
2								
3								
4								
5								

Minimum Terms and Conditions:

No	Description/Question	Response
1	Valid Business License	<input type="checkbox"/> Attached <input type="checkbox"/> Not attached
2	Technical Ability: Do you have the ability for the supply and delivery of the requested Submersible Water Pump?	<input type="checkbox"/> Yes <input type="checkbox"/> No

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3	Did you specified the brand and model of the offered Submersible Water Pump?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4	Relevant Experience/ Past Performance: Please attach at least three copies of contracts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Attached
5	Delivery Period: Within 15 days of the receipt of Purchase Order to all locations.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6	The cost for quotation shall be in AFN currency.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7	Validity of Bid Price: Bid must be valid for minimum of 60 days	<input type="checkbox"/> 60 days <input type="checkbox"/> 90 days <input type="checkbox"/> 120 days
8	Payment Term: Payment will be paid to the vendor within 30 days after the delivery of goods/ Services and submission of signed invoice. Payment will be processed once the original invoice is received and accepted by project. No advance payment is authorized under this procurement. Do you accept these terms and conditions?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Evaluation and Award Criteria:

Evaluation and Award: The award will be made to a high score offeror whose offer follows the RFQ instructions, meets the eligibility requirements, and meets or exceeds the minimum required technical specifications, and is judged to be the best value based on a highest score offeror.

The relative importance of each individual criterion is indicated by the number of points below:

- a. **Financial Status – 10 Points:** The offeror must provide bank statement as proof: Bank guarantee certificate for minimum of the 50% of the total quotation amount.
 - Financial Stability 5 Points
 - Financial Status 5 Points
- b. **Technical Ability – 10 Points:** Vendor will confirm that all required submersible water pumps are available and are ready for delivery upon receipt of the notice to proceed. Vendor will also confirm that they have general experience of submersible water pump supply and delivery capacity in mentioned location per section A and attachment A of the RFQ. Please provide list of your technical focal points and proper delivery plan in given locations with the quotation.
- c. **Past Performance (Relevant Experience) in last three years: 30 points:** The Offeror's must have prior experience of supply and delivery of submersible water pumps with national and international donors during last three years. Offeror shall provide past performance evidence, copies of at least 3 contracts which they had during last 3years for provision and delivery of submersible water pumps. The copies of contract shall be attached with the quotation. Each contract will have 10 points and will be scored based relevance and nature of the contract. AUWS will have the right to verify their past performance and conduct reference check from Offeror's former clients and employers.
- d. **Cost: – 50 points:** the overall cost presented in the offer, AECOM/AUWS will consider the lowest-price offer.

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Instructions to Offerors: Complete and send offers to the Buyer not later than 5:00 p.m. Local of the due date specified. **Offeror must itemize taxes and freight charges or identify if taxes and freight are included. Delivery Time must be included in proposal.** This request for quote does not constitute an order. Buyer will not pay offer preparation costs. Buyer may accept other than the lowest priced offer based on trade-offs between cost and quality or to further its socioeconomic programs. Buyer reserves the right to reject offers (a) received after the date and time specified, (b) not responsive to the solicitation, (c) with unbalanced line item pricing, or (d) from vendors restricted from doing business with the U.S. Government.

Notwithstanding the terms of this Request for Quote/Proposal, offeror acknowledges that AECOM reserves the right to reject any or all Quotes/Proposals for whatever reason AECOM determines, in its sole discretion, to be in its best interests. Offeror further acknowledges that AECOM may for whatever reason waive any or all formalities and terms of this Request for Quote/Proposal and that nothing in the terms of this Request for Quote/Proposal shall give rise to any claim or cause of action, including without limitation any claim for breach of implied-in-fact contract to treat Quotes/Proposals in accordance with the terms herein.

- Material Safety Data Sheets (MSDS) are required with quote.
 - No substitutes or Form Fit and Function alternative part numbers will be accepted.
 - Product or Service is in support of a Government Contract.
 - Shipping – Package items for shipment in accordance with the International Air Transport Association (IATA) regulations.
 - Freight MUST be priced Separately
- ⁽¹⁾Please provide the applicable U.S. Department of State International Traffic in Arms Regulations (ITAR) United States Munition List (USML) classification category or the U.S. Dept. of Commerce Export Administration Regulations (EAR).
- ⁽²⁾Export Controls Classification (ECCN) for your product.
- ⁽³⁾Additionally, please provide the National Stock Number (NSN) of the products requested, if applicable.

The following apply to this Request for Quote:

- DPAS Rated Order:
- Buy American Act
- Buy American—Free Trade Agreements—Israeli Trade Act
- Trade Agreements Act
- Preference for Certain Domestic Commodities—Berry Amendment
- Restriction on Acquisition of Hand or Measuring Tools—Berry Amendment
- Prime Contract Flow Downs as provided in Mandatory Flow Downs (F09-PR-067)
- Tax Exempt as provided

Terms and Conditions:

- Terms and Conditions (F09-PR-006)
- Terms and Conditions—Commercial (F09-PR-012)

Representations and Certifications:

- Vendor Business Registration/Representations and Certifications—Non-Commercial (F09-PR-046)
- Vendor Business Registration/Representations and Certifications—Commercial (F09-PR-013)
- Indirect and Non-Government Vendor Business Registration (F09-PR-024)
- Supplemental Certifications (F09-PR-028)

Wage Determination:

- Service Contract Act as provided
- Davis Bacon Act as provided

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Annex A to the RFQ – Detailed Scope of Work:

Specifications/ Process:

This specification covers technical requirements along with the testing process in the presence of AUWS/AUWSSC representatives. All Pumps shall be provided with all necessary instruments to operate safely at full load capacity.

Pumps shall be suitable for continuous operation. Pumps shall comply with the requirements of this technical specification and references stated below unless bidders are permitted to bid an “equal,” alternative product.

KABUL Strategic Business Unit, Kabul SBU/ Logar project- Details of backup Water pump

4 Sets Submersible Pumps A. Delivery to Kabul SBU B. Delivery to Water Distribution Facilities would be by AIWSSC HQ/ SBU	Diameter/ Suction (Inch)	12	KABUL SBU - LOGAR PROJECT Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system German KSB or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	580	
	Head (M)	102	
	Motor Rating (KW)	140 KW	
	Voltage (V)	380-400	
	AMP (A)	276	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kabul SBU/ Logar project- Details of backup Water pump

5 Sets Submersible Pumps Delivery to Kabul SBU Delivery to Water Distribution Facilities would be by AIWSSC HQ/ SBU	Diameter/ Suction (Inch)	6	Kabul SBU - Logar Project Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system German KSB or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	53	
	Head (M)	40	
	Motor Rating (KW)	33	
	Voltage (V)	380-400	
	AMP (A)	70	
	Speed (RPM)	2900	
	Body	Stainless Steel	

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Kabul Zone# 8th Left Station- Details of backup Water pump

One Set Submersible Pump Delivery to Kabul SBU Delivery to Water Distribution Facilities Zone 8th, Left Station would be by AIWSSC HQ/ SBU	Diameter/ Suction (Inch)	6	Kabul SBU – Station 8th Left Station Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system German KSB or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	216	
	Head (M)	100	
	Motor Rating (KW)	58	
	Voltage (V)	380-400	
	AMP (A)	115	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kabul Zone# 8th KHWAJA RAWASH- Details of backup Water pump

One Set Submersible Pump Delivery to Kabul SBU Delivery to Water Distribution Facilities Zone 8th, Khawaja Rawash would be by AIWSSC HQ/ SBU	Diameter/ Suction (Inch)	3	Kabul SBU – Station 8th Khwaja rawash Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system German KSB or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	65	
	Head (M)	220	
	Motor Rating (KW)	30	
	Voltage (V)	380-400	
	AMP (A)	60	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kabul Zone# 8th IRON CONCRETE AREA- Details of backup Water pump

Two Sets of Submersible Pumps- For 120-Meters Deep Wells Delivery to Kabul SBU Delivery to Water Distribution Facilities Zone 8th, Iron Concrete Area would be by AIWSSC HQ/ SBU	Diameter/ Suction (Inch)	5	Kabul SBU – zone 8th Iron Concrete Area Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system German KSB or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	90	
	Head (M)	120	
	Motor Rating (KW)	55	
	Voltage (V)	380-400	
	AMP (A)	110	
	Speed (RPM)	2900	
	Body	Stainless Steel	

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Kabul Zone# 4th elm o Farhang AREA- Details of backup Water pump

One Set Submersible Pump Delivery to Kabul SBU Delivery to Water Distribution Facilities Zone 4th, Elm O Farhang Area would be by AIWSSC HQ/ SBU	Diameter/ Suction (Inch)	5	Kabul SBU – zone 4th Elm o farhang Area Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system German KSB or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	90	
	Head (M)	120	
	Motor Rating (KW)	55	
	Voltage (V)	380-400	
	AMP (A)	110	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kandahar/ Zaranj Strategic Business Unit, Kandahar ZARANJ WELL#1 - Details of backup Water pump

One Set Submersible Pump Delivery to KDR SBU Delivery to Water Distribution Facilities Zaranj Well#1 would be by KDR SBU	Diameter/ Suction (Inch)	5	Kdr zaranj SBU well#1 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Model: 6SR44/16 HP 22/30 Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	90	
	Head (M)	100	
	Motor Rating (KW)	30	
	Voltage (V)	380-400	
	AMP (A)	55	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kandahar ZARANJ WELL#2 - Details of backup Water pump

One Set Submersible Pump Delivery to KDR SBU Delivery to Water Distribution Facilities- Zaranj Well#2 would be by KDR SBU	Diameter/ Suction (Inch)	4	Kdr zaranj SBU well#2 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Model FX8-110/5 Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	80	
	Head (M)	100	
	Motor Rating (KW)	26	
	Voltage (V)	380-400	
	AMP (A)	55	
	Speed (RPM)	2900	
	Body	Stainless Steel	

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Kandahar ZARANJ WELL#4 - Details of backup Water pump

One Set Submersible Pump Delivery to KDR SBU Delivery to Water Distribution Facilities- Zaranj Well#4 would be by KDR SBU	Diameter/ Suction (Inch)	5	Kdr zaranj SBU well#4 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	90	
	Head (M)	100	
	Motor Rating (KW)	30	
	Voltage (V)	380-400	
	AMP (A)	55	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kandahar ZARANJ WELL#7 - Details of backup Water pump

One Set Submersible Pump Delivery to KDR SBU Delivery to Water Distribution Facilities- Zaranj Well#7 would be by KDR SBU	Diameter/ Suction (Inch)	4	Kdr zaranj SBU well#7 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	80	
	Head (M)	100	
	Motor Rating (KW)	26	
	Voltage (V)	380-400	
	AMP (A)	55	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kandahar Strategic Business UNIT, Kandahar SBU Zone 4th, Loy wala WI#1 and WI#2 - Details of backup Water pump

Two Sets of Submersible Pumps Delivery to KDR SBU Delivery to Water Distribution Facilities- Well#1 would be by KDR SBU	Diameter/ Suction (Inch)	6	KDR SBU well#1 & 2 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	115	
	Head (M)	140	
	Motor Rating (KW)	75	
	Voltage (V)	380-400	
	AMP (A)	145	
	Speed (RPM)	2900	
	Body	Stainless Steel	

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Kandahar SBU 1st & 2nd Zones, WI#4 & 5 - Details of backup Water pump

Two Sets of Submersible Pumps Delivery to KDR SBU Delivery to Water Distribution Facilities- Well#4 \$5 would be by KDR SBU	Diameter/ Suction (Inch)	6	KDR SBU well#1 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	127.5	
	Head (M)	100	
	Motor Rating (KW)	55	
	Voltage (V)	380-400	
	AMP (A)	110	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kandahar SBU 1st & 3rd Zones, WI#12 & 8 - Details of backup Water pump

Two Sets of Submersible Pumps Delivery to KDR SBU Delivery to Water Distribution Facilities- Well#4 \$5 would be by KDR SBU	Diameter/ Suction (Inch)	5	Kdr SBU well#1 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	85	
	Head (M)	80	
	Motor Rating (KW)	30	
	Voltage (V)	380-400	
	AMP (A)	60	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Jalalabad Strategic Business UNIT, Jalalabad SBU Zone 2nd & 1st Zones WI#5 and WI#14 - Details of backup Water pump

Two Sets of Submersible Pumps Delivery to JD SBU Delivery to Water Distribution Facilities- Well#1 & 2 would be by JD SBU	Diameter/ Suction (Inch)	6	JD SBU well#1 & 2 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	93	
	Head (M)	65-148	
	Motor Rating (KW)	45	
	Voltage (V)	380-400	
	AMP (A)	90	
	Speed (RPM)	2900	
	Body	Stainless Steel	

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Jalalabad SBU Zone 1st & 2nd Zones WI#9, WI#11, WI#13 - Details of backup Water pump

Three Sets of Submersible Pumps Delivery to JD SBU Delivery to Water Distribution Facilities- Well#1 &2 would be by JD SBU	Diameter/ Suction (Inch)	5	JD SBU well#9, 11 and 13 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	94	
	Head (M)	65-148	
	Motor Rating (KW)	37	
	Voltage (V)	380-400	
	AMP (A)	75	
	Speed (RPM)	2900	
	Body	Stainless Steel	

KUNDUZ Strategic Business Unit, Kunduz SBU Zone, WI#3, WI#7 & WL# 11- Details of backup Water pump

Three Sets of Submersible Pumps Delivery to Kunduz SBU Delivery to Water Distribution Facilities- Well#3 7 & 11 would be by Kunduz SBU	Diameter/ Suction (Inch)	6	Kunduz SBU well#3, 7 & 11 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Ground Phase Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	14 to 70	
	Head (M)	65-150	
	Motor Rating (KW)	19	
	Voltage (V)	380-400	
	AMP (A)	38	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kunduz SBU Zone, WI#5 Tasadi compound, pule-khumri -Details of backup Water pump

One Set Submersible Pump Delivery to Kunduz SBU Delivery to Water Distribution Facilities- Well#5 of Pul-e-Khumri would be by Kunduz SBU	Diameter/ Suction (Inch)	4	Kunduz SBU well# 5 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Grand Phase Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	14 to 70	
	Head (M)	65-153	
	Motor Rating (KW)	19	
	Voltage (V)	380-400	
	AMP (A)	38	
	Speed (RPM)	2900	
	Body	Stainless Steel	

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Kunduz SBU Zone, Nasaji hospital, Pule-Khumri -Details of backup Water pump

One Set Submersible Pump Delivery to Kunduz SBU Delivery to Water Distribution Facilities- Nasaji Hospital would be by Kunduz SBU	Diameter/ Suction (Inch)	3	Kunduz SBU nasaji hospital Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Grand Phase Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	14 to 70	
	Head (M)	65-154	
	Motor Rating (KW)	19	
	Voltage (V)	380-400	
	AMP (A)	38	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kunduz SBU Zone, taleqan, well# site b -Details of backup Water pump

One Set Submersible Pump Delivery to Kunduz SBU Delivery to Taleqan Water Distribution Facilities site B would be by Kunduz SBU	Diameter/ Suction (Inch)	6	Kunduz SBU- Taleqan WL# Site B Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Grand Phase Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	216	
	Head (M)	65-155	
	Motor Rating (KW)	80	
	Voltage (V)	380-400	
	AMP (A)	160	
	Speed (RPM)	2900	
	Body	Stainless Steel	

Kunduz SBU Zone, Khan abad, well# hayat abad -Details of backup Water pump

One Set Submersible Pump Delivery to Kunduz SBU Delivery to Khan Abad Water Distribution Facility would be by Kunduz SBU	Diameter/ Suction (Inch)	6	Kunduz SBU- khab abad well# Hayat abad Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system Grand Phase Italian Product or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	14-65	
	Head (M)	65-156	
	Motor Rating (KW)	30	
	Voltage (V)	380-400	
	AMP (A)	58	
	Speed (RPM)	2900	
	Body	Stainless Steel	

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Kunduz SBU Zone, Faizabad, well# 5 -Details of backup Water pump

One Set Submersible Pump Delivery to Kunduz SBU Delivery to Faizabad Water Distribution Facility would be by Kunduz SBU	Diameter/ Suction (Inch)	6	Kunduz SBU- Faizabad well# 5 Three Phase Electrical Submersible Pump with starter panel for an emergency over-pumping and dewatering protection system German KSB or similar
	Discharge Capacity CUM/ HR Maximum Flow (CUM/HR)	175	
	Head (M)	65-157	
	Motor Rating (KW)	58	
	Voltage (V)	380-400	
	AMP (A)	116	
	Speed (RPM)	2900	
	Body	Stainless Steel	

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SUMMARY OF DETAILS

SBU Name	Zone	Well Number	Model (Or alike)	Diameter (Inch)	Capacity (Kw)	Height (M)	Voltage (V)	Ampere (A)	RPM	Discharge Capacity (CUM/H)	QTY
Kabul	Kabul SBU - Logar Project	Booster Pump	German - KSB	12	140	80-102	400	276	2900	580	4
	Kabul SBU - Logar Project	Booster Pump	German - KSB	6	33	40	400	70.15	2900	53	5
	Kabul SBU - 8th Zone	Lift Station	German - KSB	6	58	100	400	115	2900	216	1
	Kabul SBU - 8th Zone	Khaja Rawash	German - KSB	3	30	220	400	60	2900	65	1
	Kabul SBU - 8th Zone	Iron Concrete	German - KSB	5	55	120	400	110	2900	90	2
	Kabul SBU - 4th Zone	Elm O Farhang	German - KSB	5	55	120	400	110	2900	90	1
Kandahar - Zaranj WD	Kandahar SBU - Zaranj WD	1st	Italian	5	30	80-100	380	55	2900	80-90	1
	Kandahar SBU - Zaranj WD	2nd	Italian	4	26	80-100	380	55	2900	70-80	1
	Kandahar SBU - Zaranj WD	4th	Italian	5	30	80-100	380	55	2900	80-90	1
	Kandahar SBU - Zaranj WD	7th	Italian	4	26	80-100	380	55	2900	70-80	1
Kandahar	Kandahar SBU - 4th Zone	Loy Vyalay Well No. 1	N/A	6	73.5	140	400	145	2900	112.5	1
	Kandahar SBU - 4th Zone	Loy Vyalay Well No. 2	N/A	6	73.5	140	400	145	2900	112.5	1
	Kandahar SBU - 2nd Zone	5	N/A	6	55	100	400	110	2900	127.5	1
	Kandahar SBU - 1st Zone	4	N/A	6	55	100	400	110	2900	127.5	1
	Kandahar SBU - 1st Zone	12	N/A	5	30	80	400	60	2900	85	1
	Kandahar SBU - 3rd Zone	8	N/A	5	30	80	400	60	2900	85	1
Jalalabad	Jalal Abad SBU - 2nd Zone	Water Pump#5	Italian	6	45	65-145	400	90	2900	25-90	1
	Jalal Abad SBU - 2nd Zone	Water Pump#11	Italian	5	37	65-146	400	75	2900	25-91	1

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	Jalal Abad SBU - 1st Zone	Water Pump#13	Italian	5	37	65-147	400	75	2900	25-92	1
	Jalal Abad SBU - 1st Zone	Water Pump#14	Italian	6	45	65-148	400	90	2900	25-93	1
	Jalal Abad SBU - 2nd Zone	Water Pump#9	Italian	5	37	65-149	400	75	2900	25-94	1
Kunduz	Kunduz SBU – Kunduz	7	Italian - Grand Phase	6	19	65-150	400	38	2900	14-70	1
	Kunduz SBU – Kunduz	11	Italian - Grand Phase	6	19	65-151	400	38	2900	14-70	1
	Kunduz SBU – Kunduz	3	Italian - Grand Phase	6	19	65-152	400	38	2900	14-70	1
	Kunduz SBU - Polekumri	Tasadi Compound 5	Italian - Grand Phase	4	19	65-153	400	38	2900	14-70	1
	Kunduz SBU - Polekumri	Nasaji Hospital	Italian - Grand Phase	3	19	65-154	400	38	2900	14-70	1
	Kunduz SBU – Taleqan	Site B	Italian - Grand Phase	6	80	65-155	400	158	2900	216	1
	Kunduz SBU - Khan Abad	Hayat Abad	Italian - Grand Phase	6	30	65-156	400	58	2900	14-65	1
	Kunduz SBU - Faiz Abad	5	German - KSB	6	58	65-157	400	116	2900	175	1