

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332600283
DATE : 30.01.2026
REQ No : 1032600491
REQ TITLE : Plugging 1032600491
DELIVERY LOCATION
CLOSING DATE : 05.02.2026
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	<p>DETAILED SPEC - PLUGGING / BACK FILLING EXISTING CANCELLED WELLS ATDIFFERENT WELL FIELD AND SHABIAS (AL AWEER, WAHOOSH, HABAB, MARGH AM WELLFIELD AREA & KHAWANEEJ, MURRAH, MARGHAM ETC..) WITH BENTONITE PELLETSOR SUITABLE METHOD. TOTAL # 50</p> <p>NUMBERWELL-PLUGGING STEP</p> <p>SMAKING SURE THAT THE PROPER EQUIPMENT AND MATERIALS ARE ON HAND WILLMAKE THE JOB MUCH EASIER, QUICKER AND EFFECTIVE.WELL DETAILS.WE</p> <p>LL ID # LIST ATTACHED WELL DIA : 8# # 14# WELL DEPTH: 202 - 300FT SWL#- 130 - 180 FITCASING HEIGHT FROM EGL : 1 - 2FTSTEP 1. MEASURE THE DIMENSIONS OF THE WELL.MEASUREMENTS MUST BE TAKEN OF THE WELL DIAMETER, DEPTH AND WATER LEVEL.ACCURATE MEASUREMENTS (NOT ESTIMA TES) WILL ALLOW THE CORRECT CALCULATIONOF THE TOTAL WELL VOLUME AND THE VOLUME OF WATER IN THE WELL. THISINFORMATION IS NEEDED TO DE</p>	50	EA				

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			<p>TERMINE THE AMOUNT OF MATERIALS NEEDED FORPLUGGING. REMEMBER THAT VOLUME CALCULATIONS DEPEND ON THE SHAPE OF THEWELL. OUR WELLS ARE CYLINDRICAL; HOWEVER, SOME HAVE OTHER SHAPES THATMUST BE CONSIDERED FOR ACCURATE CALCULATION OF VOLUME.STEP 2. REMOVE ALL OBSTRUCTIN G MATERIALS FROM THE WELL.MAKING SURE THAT FILL MATERIALS DO NOT SLUMP OR SETTLE IS CRITICAL;THEREFORE, OBSTRUCTIONS THAT MAY CAUSE INCOMPLETE FILLING OF THE VOIDSMUST BE REMOVED. REMOVE THE PUMP, RODS, PIPES AND ANY OTHER EQUIPMENTFROM THE WELL. FLOATING DEBRIS, SUCH AS WOOD STAVES, ALSO SHOULD BEREMOVED. ONE METHOD USED TO ACCOMPLISH DEBRIS REMOVAL IS FLUSHING. IFWATER IS PUMPED INTO THEWELL , FLOATING DEBRIS WILL MOVE TO THE TOP AS THE WELL FILLS WITH WATER.FLUSHING MAY NOT BE POSSIBLE WITH LARGER DIAMETER WELLS DUE</p>						

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			<p>TO T HEVOLUME OF WATER REQUIRED. IN ANY EVENT, AS MUCH DEBRIS AS POSSIBLE MUSTBE REMOVED FROM THE WELL BEFORE PLUGGING.INITIAL WELL-PLUGG ING STEPS INCLUDE ACCURATE MEASUREMENT OF THE WELLDIMENSIONS AND REMOVAL OF ALL OBSTRUCTIONS.STEP 3. DISINFECT THE WELL BY ADDING HO USEHOLD BLEACH.ALL WELLS CONTAINING STANDING WATER MUST BE DISINFECTED TO KILL EXISTINGMICROORGANISMS. THIS CAN BE ACCOMPLISHED BY A DDING CHLORINE BLEACH ATTHE RATE OF 1 GALLON OF BLEACH FOR EVERY 500 GALLONS OF WATER AND ISEQUIVALENT TO A #SHOCK# CHLORINATION CON CENTRATION OF 100 PARTS PERMILLION OF CHLORINE. THE CHLORINATION PROCESS ENSURES THATDISEASE-CAUSING MICROORGANISMS ARE NOT SEALED I N THE AQUIFER.THE CHLORINATION PROCEDURE DISINFECTS THE WELL SO THAT</p>						

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			<p>DISEASE-CAUSING MICROORGANISMS ARE NOT SEALED IN THE AQUIFER AFTER THE WELL IS PLUGGED. STEP 4. FILL THE WELL WITH PLUGGING MATERIALS. PLUGGING ALWAYS BEGINS AT THE WELL'S BOTTOM. THE KIND OF AQUIFER, WELL STRUCTURE, DEPTH, DIAMETER, MATERIAL AVAILABILITY, AND NECESSARY LEVEL OF PROTECTION WILL ALL AFFECT THE PRECISE PLUGGING PROCESS. THE WELL CAN BE SEALED WITH BENTONITE, 3/8 GRAVEL, BENTONITE CHIPS, OR BENTONITE SLURRY. DETAILED METHOD OF STATEMENT TO BE SUBMITTED TO DEWA ENGINEER. STEP 5. DEMOLISH EXISTING FOUNDATION AND REMOVE THE UPPER 3 FEET OF THE WELL CASING / CONCRETE CAP WITH SUITABLE REINFORCEMENT. THIS STEP NEVER SHOULD BE DONE BEFORE THE FILL MATERIAL IS WITHIN 3 FEET OF THE SURFACE. UPPER CASING REMOVAL IS PARTICULARLY IMPORTANT IF THE ABANDONED WELL</p>						

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			<p>SITE IS FARMED. REMOVING THE UPPER 3 FEET OF CASINGELIMINATES POTENTIAL DAMAGE TO TILLAGE EQU</p> <p>IPMENT/ 0.5 *0.5*0.25 MCONCRETE CAP MANDATORY WITH SUITABLE REINFORCEMENT. ALL THE FOUNDATIONTO BE DEMOLISHED AND SCRAP TO DUBAI MUN</p> <p>ICIPALITY SCRAP YARD WITHAPPROVAL OF DEWA ENGINEER.STEP 6. FILL THE FINAL 3 FEET WITH TOPSOIL AND MOUND.SHAPING THE SITE IS NECESSAR</p> <p>Y TO PREVENT PONDING OF WATER OVER THEPLUGGED WELL. TOPSOIL SHOULD BE PACKED INTO THE WELL AND MOUNDED UP TO1½ FEET OVER THE SITE. M</p> <p>OUNDING WILL HELP DIRECT SURFACE WATER AWAY FROMTHE SITE AND ALSO WILL HELP ABSORB ANY SETTLING OF FILL MATERIALS.</p>						

TOTAL AMOUNT IN WORDS:

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SPECIAL NOTES / INSTRUCTIONS:

Plugging

MATERIAL AND OR SERVICE PROVIDED TO DEWA SHOULD PREFERABLY BE ENERGY EFFICIENT AND ENVIRONMENT FRIENDLY.

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Detailed spec - Plugging / Back filling Existing cancelled wells at
Different well field and shabias (Al Aweer, Wahoosh, Habab, Margham Well
Field area <(>&<)> Khawaneej, Murrah, Margham etc..) with Bentonite
pellets or suitable method. Total 50 Number

Well-plugging steps

Making sure that the proper equipment and materials are on hand will
make the job much easier, quicker and effective.

Well Details.

Well ID List attached Well Dia : 8" 14" Well Depth: 202 - 300ft SWL

- 130 - 180 fit

Casing Height from EGL : 1 - 2ft

Step 1. Measure the dimensions of the well.

Measurements must be taken of the well diameter, depth and water level.

Accurate measurements (not estimates) will allow the correct calculation
of the total well volume and the volume of water in the well. This
information is needed to determine the amount of materials needed for
plugging. Remember that volume calculations depend on the shape of the
well. Our wells are cylindrical; however, some have other shapes that
must be considered for accurate calculation of volume.

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Step 2. Remove all obstructing materials from the well.
Making sure that fill materials do not slump or settle is critical;
therefore, obstructions that may cause incomplete filling of the voids
must be removed. Remove the pump, rods, pipes and any other equipment
from the well. Floating debris, such as wood staves, also should be
removed. One method used to accomplish debris removal is flushing. If
water is pumped into the

well, floating debris will move to the top as the well fills with water.
Flushing may not be possible with larger diameter wells due to the
volume of water required. In any event, as much debris as possible must
be removed from the well before plugging.

Initial well-plugging steps include accurate measurement of the well
dimensions and removal of all obstructions.

Step 3. Disinfect the well by adding household bleach.

All wells containing standing water must be disinfected to kill existing
microorganisms. This can be accomplished by adding chlorine bleach at
the rate of 1 gallon of bleach for every 500 gallons of water and is
equivalent to a "shock" chlorination concentration of 100 parts per
million of chlorine. The chlorination process ensures that

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disease-causing microorganisms are not sealed in the aquifer.

The chlorination procedure disinfects the well so that disease-causing microorganisms are not sealed in the aquifer after the well is plugged.

Step 4. Fill the well with plugging materials.

Plugging always begins at the well's bottom. The kind of aquifer, well structure, depth, diameter, material availability, and necessary level of protection will all affect the precise plugging process. The well can be sealed with bentonite, 3/8 gravel, bentonite chips, or bentonite slurry.

Detailed Method of statement to be submitted to DEWA Engineer.

Step 5. Demolish Existing Foundation and Remove the upper 3 feet of the well casing / Concrete cap with suitable reinforcement.

This step never should be done before the fill material is within 3 feet of the surface. Upper casing removal is particularly important if the abandoned well site is farmed. Removing the upper 3 feet of casing eliminates potential damage to tillage equipment/ 0.5 *0.5*0.25 m concrete cap mandatory with suitable reinforcement. All the Foundation to be demolished and scrap to Dubai Municipality Scrap yard with approval of DEWA Engineer.

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Step 6. Fill the final 3 feet with topsoil and mound.

Shaping the site is necessary to prevent ponding of water over the plugged well. Topsoil should be packed into the well and mounded up to 1½ feet over the site. Mounding will help direct surface water away from the site and also will help absorb any settling of fill materials.

STANDARD TERMS & CONDITIONS

- 1) Prices should be 'DDP' delivery duty paid at DEWA stores.
- 2) Quotation to be submitted only in local currency U.A.E Dirhams
- 3) DEWA Standard payment terms is '30 days credit' from the date of acceptance of material
- 4) No DEWA staff or his or her relatives up to third degree should have ownership or partnership in your company, and your participation in DEWA tenders / RFQs should not constitute a Conflict or perceived Conflict of Interest.
- 5) The offered product and/ or services in the Quotation, shall be conforming and in accordance with DEWA Energy Management Policy & EnMS Manual.

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6)Confidentiality Clause: The Supplier/Service Provider shall treat all information and data (excluding open data) contained in the Purchase Order or obtained by theSupplier/Service Provider in connection with the execution of Works as proprietary and strictly confidential. In particular, the Supplier/ Service Provider shall not publish or disclose any data or information including but not limited to personally identifiable information, government data, project details, specifications, drawings or photographs concerning the Works to any third parties without the prior written consent of the Employer.

If the Supplier/Service Provider is obligated to obtain NOCs / Permits /Permissions for the Project from Government agencies as per the terms and scope of the Contract, the Supplier/Service Provider shall submit only the specific data required for the purpose to the authorized team of the agency, through their prescribed channel / system, subject to information security requirements
The Supplier/Service Provider shall comply with all the applicable data protection laws and regulations.

SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP