

**ADDENDUM NO. 1**



DATE: April 1, 2021

Hurst-Rosche Engineers  
3675 W. Outer Road, Suite 101  
Arnold, Missouri 63010

TO: PROSPECTIVE BIDDERS

SUBJECT: ADDENDUM NO. 1 TO THE BIDDING DOCUMENTS FOR

Weber Ground Storage Tank Rehab  
Consolidated Public Water Supply District C-1, Jefferson County, Missouri  
HR No. 850-2650

This addendum forms a part of the bidding and contract documents and modifies the bidding documents dated February 2021. Acknowledge receipt of this addendum in space provided on Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

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**UPON RECEIPT OF THIS ADDENDUM, PLEASE SIGN BELOW AND EMAIL FRONT PAGE TO zyork@hurst-rosche.com WITHIN 24 HOURS OF RECEIPT.**

\_\_\_\_\_  
Company Name/Authorized Signature

\_\_\_\_\_  
Date

.....  
Bid Opening Date is: 2:00 PM, Tuesday, April 6, 2021

**Bidders are hereby informed that the construction documents and/or drawings are modified as follows:**

**CONTRACT DOCUMENTS:**

1. Delete Document 00 41 43 Bid Form - Unit Price, pages 00 41 43 - 1 through 00 41 43 - 8 from the Procurement and Contracting Requirements, in its entirety.
2. Add the attached Document 00 41 43 Bid Form - Unit Price (Addendum No. 1 - 04-01-21), pages 00 41 43 - 1 through 00 41 43 - 8 to the Procurement and Contracting Requirements, in its entirety.

**CLARIFICATIONS:**

Question: Do bidders need to have a signed and sealed hardcopy set of the bidding documents to bid this project and be on the plan holders list?

Answer: Yes, the bidding documents on the website are just for reference purposes only, bidders must obtain a signed and sealed hardcopy set of the bidding documents, including bid form, to submit a bid for this project and to be on the plan holders list.

- Question: In lieu of full containment, could alternate methods (i.e., wet abrasive blasting, vapor abrasive blasting, robotic portable vacuum shot blasting, VersaBlasting, FasterBlaster, etc.) using partial containment be used?
- Answer: Yes, alternate methods using partial containment can be used for this project so long as the surrounding structures onsite and residences adjacent to the tank site are protected from damage during construction and these methods can provide the surface preparation as specified in the Project Manual for this project. The Bid Form has been adjusted as part of this addendum to account for the alternate methods using partial containment.
- Question: Who will be in the inspector for this project? What type of inspection is anticipated (hold point or full time)?
- Answer: Construction inspection will be completed by a third party inspection firm contracted directly with the District. The District has not determined the inspector for this project at this time. The type of construction inspection is anticipated to be more hold point with periodic site visits during the course of the project. This will be discussed further as part of the pre-construction meeting for this project.
- Question: Is the tank interior painted/coated with lead-based paint?
- Answer: The interior paint/coating was unable to be tested, so it is unknown if the tank interior paint/coating contains lead-based products. With this being said, it will be the contractor's responsibility to test for lead based paint, and if lead based paint is found then per Section 09 97 14 - Steel Water Storage Tank Painting, Part 1, Paragraph 1.10.J, the contractor shall follow and strictly adhere to all applicable health and safety regulations and precautions as required by local, state, and federal regulatory agencies such for the surface preparation, removal, and waste disposal of all lead-based paint systems. If lead abatement is required for tank interior, this would be completed through a contract change order for a negotiated fee, since it is unknown for the tank interior paint/coating.
- Question: Are there any antennas on the tank? If so, who is responsible for removing/protecting them?
- Answer: According to the District, there are no antennas on the tank that will require removal/protection as part of the tank rehab.
- Question: There are some tree limbs infringing on the tank site, will the owner be trimming them prior to the start of work?
- Answer: This will be the District's responsibility, and the District will have the tree limbs trimmed prior to the start of work.
- Question: Bid Form Line Item Nos. 11 and 12 both list ladder gate, could you please provide clarification?
- Answer: There is only one ladder gate specified for this project. The Bid Form has been adjusted as part of this addendum to provide clarification. Line Item No. 11 has been adjusted to remove the ladder gate language, and Line Item No. 12 is the line item for the new ladder gate.

Question: Bid Form Additive Alternates Line Item Nos. 4 and 5, could you please provide clarification on size of beams as well as clarification of reinforcing floor areas? What size plate is expected for tank floor repair/reinforcement? What if entire floor area is thin? Would this be covered by Additive Alternates Line Item Nos. 1 and 2?

Answer: The beam size is unknown, there are general photos included in Attachment Nos. 1 and 2 as part of the bidding documents for review. For the floor reinforcement, the plate size would vary based on the size of the area to be repaired/reinforced. We anticipate for the floor reinforcement, this would involve installing small round or square steel plates to reinforce pitted or thin/weak spots discovered on the tank floor. With this being said, if there are a few larger areas discovered by the third party materials testing firm, then we would use Additive Alternates Line Item Nos. 1 and 2. Beyond this if it is determined that a major portion or the entire floor area requires reinforcement, this would be completed through a contract change order for a negotiated fee, since this would be a major change to the project and not just a few repair areas.

Question: What is the estimated start/mobilization date for this project?

Answer: For the project start/mobilization information, please refer to the bidding documents. As stated, Work to be completed in Fall 2021 after Labor Day (September 6, 2021) or in Spring 2022 with work being completed by Memorial Day (May 30, 2022). Notice to Proceed will be issued accordingly based on work being completed in Fall 2021 or Spring 2022.

Question: How can we obtain a list of plan holders?

Answer: For plan holders list, please refer to our website, under contractors, for periodically updated plan holders list and any project addenda.

Question: What are the buildings north of the tank?

Answer: There are two buildings onsite north of the tank and they are District owned buildings for the water system. The building directly north of the tank is a pump station building, and the building slightly northwest of the tank is a well house building.

Question: Bid Form Additive Alternates Line Item No.1, how is the quantity handled if welding is required on both sides (inside and outside)?

Answer: For Alternate Item 1, the unit cost is per lineal foot of welding, so if welding is required on the inside and the outside, the cost will be based on the total lineal footage of welding completed. The total lineal footage for both sides would be the inside welding lineal footage plus the outside welding lineal footage for the total lineal footage of welding.

Question: Are there any as-built drawings that can be provided for the tank?

Answer: After some discussion with the District, the District does not have any as-built drawing for the tank that can be provided.

Question: Will a door sheet be allowed to be cut in the side of the tank?

Answer: Yes, a door sheet will be allowed to be cut in the side of the tank, so long as, the side of the tank and the opening are properly reinforced to allow for a door sheet opening and so that the structure of the tank is not compromised in anyway.

Question: Please clarify how to quantify the alternative bid items that are defined as “each”.  
There are several variables for these repairs and it is difficult to bid for unknowns.  
Answer: The quantities for the additive alternates are unknown, so we would like a cost for each item if some additional repairs are required during the rehab. We would use the unit cost and the total quantity of the repair items (if required during rehab) to determine the additional cost for these items. As stated in the bidding documents, the price for additive alternates shall not be included in the base bid and shall not be used for determining low bidders. The additive alternates will only be used if some additional repairs are required during the rehab, and the cost for these items would be completed through a contract change order.

Question: Will caulking of the joints where the support beams meet the shell be required? If so, will wedging of the shell from roof support be required?  
Answer: No and no, caulking of the joints and wedging of shell will not be required. The support beams appear to be roof stiffener beams that are welded to the roof, so there is no joint to caulk. Please refer to the general photos included in Attachment Nos. 1 and 2 as part of the bidding documents for review.

Question: Are the new ladders to be galvanized or stainless steel?  
Answer: Pursuant to Section 33 16 13, the ladders shall be fabricated of steel or aluminum and utilize grooved, skid-resistant rungs. If the ladders are fabricated of steel, then the ladders would be coated pursuant to Section 09 97 14.

**END ADDENDUM NO. 1**

DOCUMENT 00 41 43

BID FORM - UNIT PRICE  
(ADDENDUM NO. 1 - 04-01-21)

To: Consolidated Public Water Supply District C-1  
6645 Moss Hollow Road, P.O. Box 430  
Barnhart, Missouri 63012  
Phone (636) 948-2500

Project: Weber Ground Storage Tank Rehab  
Imperial, Jefferson County, Missouri 63052  
HR # 850-2650

Date: \_\_\_\_\_

Submitted by: \_\_\_\_\_  
(full name)

(full address) \_\_\_\_\_

\_\_\_\_\_

Contact Name: \_\_\_\_\_

PART 1 GENERAL

1.1 OFFER

- A. Having examined the Place of the Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by the Engineer for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Unit Prices listed in this bid form in lawful money of the United States of America.
- B. We have included the security Bid Bond as required by the Instruction to Bidders.
- C. All applicable federal taxes are included in the Unit Prices.

1.2 REVIEW OF BID DOCUMENTS

- A. The bidder represents that he is skilled and experienced in the use and interpretation of drawings and specifications such as those included in the bid documents for this contract. He has carefully reviewed the drawings, specifications and other bid documents, and has found them free of ambiguities and sufficient for bid purposes. Further, the Bidder has carefully examined the site of the work and, from his own observations, has satisfied

himself as to the nature and location of the work; the character, quality and quantity of materials; the difficulties likely to be encountered; and any other items which may affect the performance of the Work. He has based his bid solely on these documents and observations, and has not relied in any way on any explanation or interpretation, oral or written, from any other source.

1.3 ACCEPTANCE

- A. This offer shall be open to acceptance and is irrevocable for 90 days from the bid closing date.
- B. If the Owner accepts this bid within the time period stated above, we will:
  - 1. Execute the Agreement within 15 days of receipt of Notice of Award.
  - 2. Furnish the required bonds within 15 days of receipt of Notice of Award in the form described in Supplementary Conditions.
  - 3. Commence work within 10 days after written Notice to Proceed of this bid.
- C. If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required bonds, the security deposit shall be forfeited as damages to the Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.
- D. In the event our bid is not accepted within the time stated above, the required security deposit will be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

1.4 CONTRACT TIME

- A. Undersigned agrees that, if awarded the Contract for Work bid upon herein, work will start on date designated in a written Notice to Proceed order issued by the Engineer and will be completed in accordance with the contract documents, with all phases of work completed and operational and ready for acceptance by the Owner no later than 150 calendar days from the Construction Start Date as stipulated in the Notice to Proceed. Work to be completed in Fall 2021 after Labor Day (September 6, 2021) or in Spring 2022 with work being completed by Memorial Day (May 30, 2022). Notice to Proceed will be issued accordingly based on work being completed in Fall 2021 or Spring 2022.

1.5 UNIT PRICES

- A. The following are Unit Prices for specific portions of the Work as listed. The following is the list of Unit Prices:

**BASE BID**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT COST	TOTAL COST
1	Clean and Remove Silt from Tank Floor to Allow Access and Testing of Tank Floor Steel by a Third Party Materials Testing Firm	1	Lump Sum		

2	Provide Partial Containment for Removal of Existing Coating for Tank Using Alternate Methods for Exterior Surface Preparation	1	Lump Sum		
3	Exterior Surface Preparation 1: Pre-Treatment and SSPC-SP WJ-4 Light Cleaning - Low Pressure Water Cleaning (LP WC) to Remove Surface Contaminants (Mold, Mildew, etc.) Prior to Abrasive Blasting	1	Lump Sum		
4	Exterior Surface Preparation 2: SSPC-SP 6 Commercial Blast Tank	1	Lump Sum		
5	Apply Exterior Coating System with 15 Year Warranty (Paint, Primer and Gloss) per Paint and Manufacturer's Requirements for Warranty and per Specified Paint Schedule and Mils (Color to be Chosen by Owner)	1	Lump Sum		
6	Interior Surface Preparation: SSPC-SP 10 Near-White Blast Tank	1	Lump Sum		
7	Apply Interior Coating Wetted Area System with 10 Year Warranty (Paint and Primer) per Paint and Manufacturer's Requirements for Warranty and per Specified Paint Schedule and Mils (Color shall be White)	1	Lump Sum		
8	Remove and Properly Dispose of Waste to Proper Landfill in Accordance with MoDNR Requirements	1	Lump Sum		
9	Install New Duck Bill Check Valve with Stainless Steel Insect Screen Between Flanges on Tank Overflow Pipe (Modify End of Tank Overflow Pipe as Necessary, and Install Necessary Pipe Bend for Tank Overflow Pipe to Drain into Existing Grated Drainage Structure and Provide Air Break Above Finished Grade)	1	Lump Sum		
10	Remove and Replace Interior Ladder Including Supports with New OSHA Compliant Interior Ladder, New Supports and New Safety Climb Cable System	1	Lump Sum		
11	Remove and Replace Exterior Ladder Including Supports with New OSHA Compliant Exterior Ladder, New Supports and New Safety Climb Cable System	1	Lump Sum		
12	Provide and Install Ladder Gate on New OSHA Compliant Exterior Ladder Including Supports, Hardware and Locking Mechanism	1	Lump Sum		
13	Remove Three (3) Lower Roof Vents and Vent Stacks Located on the Downslope of the Tank Roof Including Patch/Close Roof Openings	1	Lump Sum		
14	Remove and Replace Center Roof Vent and Vent Stack with New Roof Vent and Vent Stack and Provide 24" of Clearance Between Top of Tank Roof and New Tank Vent Air Intake	1	Lump Sum		

15	Clean Off Top of Tank Foundation/Ringwall, Where Needed, to Provide Clear Distance Between Top of Foundation and Adjacent Existing Grade	1	Lump Sum		
16	Remove and Replace Seal Caulk at Lower Tank Flange and Concrete Foundation/ Ringwall (Full Tank Circumference) Including Surface Preparation, Installation, Curing and Protection All Per Manufacturer's Instructions/ Recommendations	1	Lump Sum		
17	Tank Disinfection per MoDNR and AWWA Requirements	1	Lump Sum		
18	Insurance, Bonds and Permits, etc.	1	Lump Sum		
19	Mobilization / Demobilization	1	Lump Sum		
<b>TOTAL</b>					

**TOTAL** \_\_\_\_\_ Dollars  
(Amount in Words)

- B. The following are Unit Prices for additive alternates; price for additive alternates shall not be included in the base bid and shall not be used for determining low bidders. If full containment is added to the project, the full containment will replace the partial containment (Base Bid Item 2 above) for the project. The following is the list of Unit Prices:

**ADDITIVE ALTERNATES**

ITEM NO.	DESCRIPTION	UNIT	UNIT COST
1	Sheet Steel Welding for Repairs Discovered During Tank Rehabilitation	Lineal Foot	
2	Sheet Steel Reinforcement and/or Replacement for Repairs Discovered During Tank Rehabilitation	Square Foot	
3	Apply Exterior Tank Logo with 15 Year Warranty (Paint, Primer and Gloss) per Paint and Manufacturer's Requirements for Warranty and per Specified Paint Schedule and Mils (Color to be Chosen by Owner)	Each	
4	Remove and Replace Roof Stiffener Beam and Any Associated Cross Bracing Members that Cannot Be Repaired and/or Recoated	Each	
5	Repair/Reinforce Thin/Weak Tank Floor Areas Discovered by Third Party Materials Testing Firm per API 653 Guidelines for Tank Floor Repairs and AWWA D100	Each	
6	Provide Full Containment for Removal of Existing Coating for Tank for Exterior Surface Preparation	Lump Sum	



## 1.6 INCIDENTALS

The following Items are incidental to the construction:

- All items indicated on the plans or referenced in the specifications shall be included in the bid price under appropriate line items. All specified testing services and construction staking services shall be included in the bid price. All installations, piping, fittings, fitting restraints, mega-lugs restraints, accessory kits, glands, gaskets, valves, tapping sleeves, fire hydrant assemblies, blowoff assemblies, line stops, water meter settings, casing pipe, casing spacers, casing end seals, thrust blocks, granular bedding, backfilling, full height granular backfill, rock boring, heavy stone revetment blanket, trench excavation, all rock excavation and removal, rock excavation for fire hydrants, spoiling unsuitable materials and replacement with approved materials, tracer wire and tracer wire accessories, pressure testing, disinfection of watermains, installation of 6" of top soil, additional fill upon settlement of trenches, asphalt sawcutting, concrete sawcutting as necessary, protection from storm inflows, all appurtenances and other necessary components shall be included in the construction.
- Construction staging and washdown area onsite, onsite siltation control (including any required inlet protection), and additional siltation control as necessary during construction.
- Existing fencing that is necessary to be removed and replaced to install proposed improvements shall be removed and replaced to the same location prior to removal, once the existing fencing is removed during construction the contractor shall install temporary interim fencing and said temporary fencing shall be maintained and remain in place until the existing fencing is to be replaced as close to its original condition as possible, temporary fencing to be structurally sound. Contractor may reuse existing fencing materials so long as the materials are in good, stable, aesthetically pleasing condition, if not, the existing fencing materials shall be replaced with new materials of same type of construction, size and dimensions, existing fencing materials to be coordinated with and agreed upon by the District for reuse on the project. Contractor shall verify all fencing that may have to be removed and replaced prior to submitting a Bid and, include the cost for said removal and replacement in their Bid.
- Contractor to provide all necessary items for equipment and worker ingress and egress during construction, such items but not limited to, traffic control flagmen, pedestrian control flagmen, sidewalk protection from equipment, curb protection from equipment, timbers to mount vertical curbs, continuous use of sidewalk by pedestrians except during equipment crossing and any other items necessary. All necessary items being considered incidental to the work including any repairs to pavement, curb, sidewalk or any other items.
- Contractor shall protect and abstain from damage all existing utilities, pavement, curb and gutter, sidewalk, guardrail, trees, bushes and all other existing improvements during boring process or any other construction process. Contractor will be responsible for any damages to any existing improvement and damage repair, at Contractor's expense. Contractor will include all parties that need to be listed as additional insured as describe in the Contract Documents.
- All additional items shown on the Drawings, Technical Specifications or Contract Documents, or small items, appurtenances and minor details not mentioned, which are clearly necessary to make the completed improvements fully functional and operational in full accordance with the Contract Documents and Technical Specifications shall be included in the construction.

## 1.7 AWARD OF CONTRACT

- A. Contract will be awarded to the lowest responsive, responsible bidder for the base bid of the contract.

1.8 BIDDER AGRESS TO THE FOLLOWING:

- Bidder shall include the required security deposit as required by the Instruction to Bidders.
- All applicable federal taxes are included in the Bid Sum.
- Cost associated with obtaining separate 100% Performance and 100% Payment Bonds are included in the Bid Sum.
- Costs associated with obtaining all required construction permits and any other necessary permits are included in the Bid Sum.
- Bidder agrees to pay not less than the hourly rate of wages as determined by the Department of Labor and Industrial Relations, State of Missouri, in accordance with Sections 290.210 through 290.340 as amended RSMo 1978.
- Bidder certifies compliance with the provisions of Section 285.230-234 RSMo 1994 regarding transient employers.
- Bidder certifies compliance with the provisions of the Illegal Immigration Reform and Immigrant Responsibility Act.
- Bidder certifies compliance with the provisions of Section 285.530 RSMo regarding federal work authorization program.
- Bidder certifies compliance with the provisions of Section 292.675 RSMo regarding OSHA approved construction safety and health training for all on-site project employees and failure to provide safety training.
- Bidder agrees to an agreement between A/E and receiving party for transfer of electronic files.
- Bidder agrees/certifies compliance with the provisions as required by the Instruction to Bidders.

1.9 ADDENDA

A. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Price.

1. Addendum # \_\_\_\_\_ Dated \_\_\_\_\_
2. Addendum # \_\_\_\_\_ Dated \_\_\_\_\_
3. Addendum # \_\_\_\_\_ Dated \_\_\_\_\_

1.10 APPENDICES

A. The following information is included with Bid submission:

Subcontractors: Names

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Major Suppliers: Names

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## 1.11 EQUAL EMPLOYMENT OPPORTUNITY

During performance of this contract, Contractor agrees as follows:

- a. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to, the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.
- b. The contractor will in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.
- c. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract of understanding, notice advising the labor union or worker's representative of the contractor's commitments under Section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and by the rules, regulations, and relevant orders of the Secretary of Labor.
- e. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and order of the Secretary of Labor pursuant thereto, and will permit access to his books, records and accounts by the Department of the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations and orders.
- f. In the event of the contractor's non-compliance with the nondiscrimination clauses of this contract or with any such rules, regulations or orders, this contract may be canceled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies involved as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation or order of the Secretary of Labor, or as otherwise provided by law.
- g. The contractor will include the provisions of paragraphs (a) through (g) in every subcontract or purchase order unless exempted by rules, regulations or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the Department may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with the subcontractor or vendor as

a result of such direction by the Department, the contractor may request the United States to enter into such litigation to protect the interest of the United States.

1.12 NOT BARRED

A. The Contractor by submitting its bid certifies that the Contractor is not barred from bidding on the contract as a result of a conviction for either bid-rigging or bid-rotating.

1.13 DRUG FREE WORKPLACE

A. The Contractor by submitting its bid certifies that it will provide a drug free workplace and that it is in compliance with the requirements of the Drug Free Workplace Act and the Substance Abuse Prevention on Public Works Projects Act.

1.14 SEXUAL HARASSMENT POLICY

A. The Contractor by submitting its bid certifies that it has (i) a written sexual harassment policy, (ii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal resource, investigative and complaint process through the Missouri Department of Human Rights; (vi) directions on how to contact the Department and Commission; and (vii) protection against retaliation for exercising rights under the policy.

1.15 BID FORM SIGNATURES

The Corporate Seal of

\_\_\_\_\_  
(Bidder - print the full name of your firm)

was hereunto affixed in the presence of:

\_\_\_\_\_  
(Authorized signing officer)

\_\_\_\_\_  
(Title)

(Seal)

\_\_\_\_\_  
(Authorized signing officer)

\_\_\_\_\_  
(Title)

(Seal)

If the Bid is a joint venture or partnership, add additional forms of execution for each member of the joint venture in the appropriate form or forms as above.

END OF DOCUMENT