



MARK PESTRELLA, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

July 13, 2023

IN REPLY PLEASE

REFER TO FILE: **BRC-1**

REQUEST FOR PROPOSALS – ADDENDUM 1 ON-CALL MECHANICAL MAINTENANCE AND INSPECTION SERVICES FOR SAN GABRIEL DAM HYDROELECTRIC PROJECT (BRC0000422), AND ON-CALL ELECTRICAL MAINTENANCE AND INSPECTION SERVICES FOR SAN GABRIEL DAM HYDROELECTRIC PROJECT (BRC0000425)

Thank you for attending our mandatory proposers' conference for the On-Call Mechanical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project (BRC0000422) and for the On-Call Electrical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project (BRC0000425) contracts held on Thursday, June 29, 2023.

Please take note of the following:

- The deadline for Proposal submission has been extended to **Thursday, July 20, 2023, by 5:30 p.m.**
- The Schedule of Prices, Forms PW-2.1, for On-Call **Electrical** Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project has been replaced with revised Forms PW-2.1a and attached as Enclosure A. Please use Forms PW-2.1a when submitting your proposal. (Proposals submitted with PW-2.1 may be rejected as nonresponsive.)

All addenda and informational updates will be posted at <http://dpw.lacounty.gov/brcd/servicecontracts>. Please check the website frequently for any changes to this solicitation.

Please take note of the following revisions to the Request for Proposals (RFP). (Note that the changes that have been added are in **boldface** and deleted languages are ~~strikethrough~~.) Section A is the Addendum and Section B is the Questions and Answers.

A.1 Addendum

1. Exhibit A, Scope of Work On-Call Mechanical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project, Section E, Work Description, has been modified as shown below:

Task 6. Generator for Unit 1 – Maintenance and Inspection

The Contractor shall:

1. Remove the inspection plates and check for seal leakage.
2. Check for signs of oil leakage on the front and rear bearings. Any signs of leakage are to be cleaned and noted.
3. Check the condition and fastening of all connections.
- ~~4. Measure the insulation resistance on the machine and the excited windings. Additionally, the Contractor shall determine and record the Polarization Index.~~
- ~~5.4.~~ 4. Inspect the generator and exciter for dirt and clean as required.
- ~~6.5.~~ 5. Vacuum dust from all accessible interior parts, including windings.
- ~~7.6.~~ 6. Wipe the windings with clean, dry, nonfraying, nonfluffing, and lint free cloths to remove surface dirt.
- ~~8.7.~~ 7. Rewipe the windings with clean, dry, nonfraying, nonfluffing, and lint free cloths moistened with Arrow #6300M, Fast Drying Safety Solvent or Contract Manager approved equal safety solvent.
- ~~9. Measure and record the bearing insulation resistance.~~
- ~~10.8.~~ 8. Tighten the foundation bolts and check locking elements as per the manufacturer's specifications.
- ~~11.9.~~ 9. Remove the duplex strainer; disassemble, clean, reassemble, and reinstall the duplex strainer.
- ~~12.10.~~ 10. Disassemble, clean, inspect, check for roundness, and reinstall the bearing slinger rings.

~~13. Remove the Resistance Temperature Detector (RTD) probes prior to inspection of the bearings and reinstall them after all work on the bearings have been completed. Removal and reinstallation include disconnecting and reconnecting the RTD probes' leads.~~

44.11. Replace the bearing oil with the lubricant indicated in Task 2.

45.12. Vacuum any accumulated dirt around the generator.

46.13. Clean and inspect the oil/water heat exchanger and pressure test the water side of the heat exchanger at 60 psi for two hours upon completion of all work.

47.14. Clean and inspect the sliding faces of the sleeve bearing components.

48.15. Clean, inspect, measure, and record the diametric clearances and contact for both radial bearings and the thrust bearing.

49. ~~Check the air gap, pole connection, and corona effect.~~

20.16. Clean up the immediate work area and properly dispose of any waste material generated in completing the above described work.

24.17. Be responsible for the proper disposal of any hazardous material including the used lubricants generated as a result of performing maintenance on Unit 1.

Task 7. Generator for Unit 2

The Contractor shall:

1. Remove the inspection plates and check for seal leakage.

2. Check for signs of oil leakage on the front and rear bearings. Any signs of leakage are to be cleaned and noted.

3. Check the condition and fastening of all connections.

4. ~~Measure the insulation resistance on the machine and the exciter windings. Additionally, the Contractor shall determine and record the~~

~~Polarization Index.~~

~~5.4.~~ Inspect the generator and exciter for dirt and clean as required.

~~6.5.~~ Vacuum dust from all accessible interior parts, including windings.

~~7.6.~~ Wipe the windings with clean, dry, nonfraying, nonfluffing, and lint free cloths to remove surface dirt.

~~8.7.~~ Rewipe the windings with clean, dry, nonfraying, nonfluffing, and lint free cloths moistened with Arrow #6300M, Fast Drying Safety Solvent or County approved equal safety solvent.

~~9. Measure and record the bearing insulation resistance.~~

~~10.8.~~ Tighten the foundation bolts and check locking elements as per the Manufacturer's specifications.

~~11.9.~~ Remove the duplex strainer; disassemble, clean, reassemble, and reinstall the duplex strainer.

~~12.10.~~ Disassemble, clean, inspect, check for roundness, and reinstall the bearing slinger rings.

~~13. Remove the Resistance Temperature Detector (RTD) probes prior to inspection of the bearings and reinstall them after all work on the bearings has been completed. Removal and reinstallation include disconnecting and reconnecting the RTD probes' leads.~~

~~14.11.~~ Replace the bearing oil with the lubricant indicated in Task 2.

~~15.12.~~ Vacuum any accumulated dirt around the generator.

~~16.13.~~ Clean and inspect the oil/water heat exchanger and pressure test the water side of the heat exchanger at 60 psi for two hours upon completion of all work.

~~17.14.~~ Clean and inspect the sliding faces of the sleeve bearing components.

~~18-15.~~ Clean, inspect, measure, and record the diametric clearances and contact for both radial bearings and the thrust bearing.

~~19.~~ Check the air gap, pole connection, and corona effect.

~~20-16.~~ Clean up the immediate work area and properly dispose of any waste material generated in completing the above described work.

~~21-17.~~ Be responsible for the proper disposal of any hazardous material including the used lubricants generated as a result of performing maintenance on Unit 2.

2. Exhibit A, Scope of Work On-Call Mechanical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project, Section H, Hours and Days of Service, has been modified as shown below:

Hours of services shall be primarily performed within the 7 a.m. to 5 p.m. time period, Monday through Friday, each week, except Public Works holidays, at which time the service shall be done before or after such holiday. Work hours may be altered, when necessary, with the approval of the Contract Manager. At the Contract Manager's request, the Contractor may be required to perform emergency work beyond the schedule described above. **Expected response time for emergency work is 48-hours from receiving request from the Contract Manager.** Work shall be compensated with the appropriate rate of overtime pay during workdays and weekends. Overtime shall be hours worked outside of the typical 7 a.m. to 5 p.m. work period. Double time shall be hours worked on County recognized holidays.

A.2 Addendum

1. Any and all reference to Form PW-2.1, Schedule of Prices, for On-Call Electrical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project, referenced in the RFP has been deleted in its entirety and replaced with **Form PW-2.1a, Schedule of Prices (Enclosure A)**
2. Additional Task has been added to Exhibit A.1, Scope of Work, for On-Call Electrical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project; Section E, Work Description, for On-Call Electrical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project, as shown below:

Task 13. Generator – Maintenance and Inspection

- 1. Measure the insulation resistance on the machine and the exciter windings. Additionally, the contractor shall determine and record the Polarization Index.**
 - 2. Measure and record the bearing insulation resistance.**
 - 3. Remove the Resistance Temperature Detector (RTD) probes to allow for Mechanical inspection of bearings. Reinstall them after all work on bearings have been completed. Removal and reinstallation include disconnecting and reconnecting the RTD probes' leads.**
 - 4. Check the air gap, pole connection, and corona effect.**
3. Exhibit A.1, Scope of Work On-Call Electrical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project, Section H, Hours and Days of Service, has been modified as shown below:

Hours of services shall be primarily performed within the 7 a.m. to 5 p.m. time period, Monday through Friday, each week, except Public Works holidays, at which time the service shall be done before or after such holiday. Work hours may be altered, when necessary, with the approval of the Contract Manager. At the Contract Manager's request, the Contractor may be required to perform emergency work beyond the schedule described above. Expected response time for emergency work is 48-hours from receiving request from the Contract Manager. Work shall be compensated with the appropriate rate of overtime pay during workdays and weekends. Overtime shall be hours worked outside of the typical 7 a.m. to 5 p.m. work period. Double time shall be hours worked on County recognized holidays.

B. Questions and Answers to the On-Call Mechanical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project (BRC0000422) and to the On-Call Electrical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project (BRC0000425)

The following answers are in response to the request for information and clarification and other questions submitted by proposers for the On-Call Mechanical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project (BRC0000422) and for the On-Call Electrical Maintenance and Inspection Services for San Gabriel Dam Hydroelectric Project

(BRC0000425). Questions presented in this Addendum represent the questions asked by the proposers in the form and context submitted.

1. **Question:** SOW, Section E, Task 4, Item 3, page A.4, What level of technician certification is required for Dye-Pen checks?

Response: As indicated in Part I, Section 1.B, Minimum Mandatory Requirements, No. 2 states, "Proposer's on-site supervising employee must have at least 3 years of experience performing these types of contracted services to a government, utility, or similar agency." However, a certification is not required.

2. **Question:** SOW, Section E, Task 4, Item 3, page A.4, The Contractor shall provide a certified welder to perform any welding on the runner or general area of the turbine?

Response: If any cavitation damage is observed during the inspection of the runner or general area of the turbine which requires the services of a welder, a repair proposal shall be provided to the Contract Manager. No repair work will take place without approval of the Contract Manager.

3. **Question:** SOW, Section E, Task 4, Item 3, page A.4, Is there a specific amount of anticipated cavitation?

Response: There is no specific amount of cavitation damage expected. This will be revealed during inspection.

4. **Question:** SOW, Section E, Task 4, Item 3, page A.4, How is cavitation to be bid as the amount at cavitation is not known?

Response: Please see response to Question 2.

5. **Question:** SOW, Section E, Task 4, Item 5, page A.5, Will repairs be performed?

Response: If any damage is observed during inspections, a repair proposal shall be provided to the Contract Manager. No repair work will take place without written approval of the Contract Manager.

6. **Question:** SOW, Section E, Task 4, Item 6, page A.5, Will repairs be performed... cavitation or otherwise? If so, are the repairs to be done through an EWA or as part of the contract?

Response: If any damage is observed during inspections, a repair proposal shall be provided to the Contract Manager. No repair work on this contract will take place without written approval of the Contract Manager.

7. **Question:** SOW, Section E, Task 4, Item 7, page A.5, Will repairs be performed... cavitation or otherwise? If so, are the repairs to be done through an EWA or as part of the contract?

Response: If any damage is observed during inspections, a repair proposal shall be provided to the Contract Manager. No repair work will take place without written approval of the Contract Manager.

8. **Question:** SOW, Section E, Task 4, Item 10, page A.5, Is there a list of Public Works approved paint and where it can be applied?

Response: An approved paint list is not available, but an epoxy coating is preferred. This can be discussed in more detail upon award of the contract.

9. **Question:** SOW, Section E, Task 5, Item 3, page A.5, Can feeler gage readings be used in lieu of carbon paper or bluing?

Response: Yes, the feeler gage readings are an acceptable alternative.

10. **Question:** SOW, Section E, Task 6, Task 7, page A.6 - A.8, Are any items in these two sections considered electrical? Specifically items 4, 9, 13 and 19 of both sections 6 and 7?

Response: Yes. The above-mentioned sections have now been removed from the Mechanical Scope of Work and added to the Electrical Scope of Work. Please see Addendum A.1 and Addendum A.2 above for detailed changes in the Scope of Work.

11. **Question:** SOW, Section E, Task 8, Item 1, page A.9, Will the temporary safety device require owner approval?

Response: Yes, this will be discussed prior to proceeding with maintenance and inspection work.

12. **Question:** SOW, Section E, Task 16, page A.12, Is equipment adequate to perform vibration signature testing currently installed on the unit?

Response: The contractor will need to provide equipment necessary to perform the vibration tests.

13. **Question:** SOW, Section E, Task 17, Item 5.a, page A.13, Item (c) in this section creates doubt if the vibration signature testing is required?

Response: Although this is not typically done, the Contract Manager may request to have certain tasks performed and not others. This can be done as a cost-saving measure or for other reasons. As a reminder, the services are on-call, and all tasks are not performed each year.

14. **Question:** SOW, Section E, Task 17, Item 5.a, page A.13, What are the circumstances that would dictate the vibration signature test not be performed?

Response: See response to Question 13.

15. **Question:** SOW, Section E, Task 17, Item 5.a, page A.13, Are there proximity probes installed on the units that can be used for the vibration testing or is supplemental equipment required as part of the contract?

Response: The contractor will need to provide equipment necessary to perform the vibration tests.

16. **Question:** SOW, Section I, page A.15, Can or will higher voltage and appropriate amperage power be supplied by the county for welding processes?

Response: No. The contractor shall provide the higher voltage power.

17. Question: Will the contractor or the owner be responsible for the LOTO?

Response: Current practices will be confirmed before work is performed on site.

18. Question: What LOTO system is typically implemented... i.e. locks, tags...?

Response: Locks and tags are typically implemented. Current practices will be confirmed before work is performed on site.

19. Question: Has a hazardous material survey been performed... asbestos, lead etc.?

Response: A recent survey could not be located. This can be further discussed upon award of the contract.

20. Question: How many 10-minute air packs (SCBA) are required inside a confined space?

Response: One air pack will be required for each representative entering the confined space.

21. Question: Is plant air supply for air operated tools available?

Response: No, air supply will not be provided to the contractor for air operated tools.

22. Question: What is anticipated response time for the contractor to be on site for emergent work?

Response: Please see Addendum A.1, No. 2, and Addendum A.2, No. 3 for updated language to the Scope of Work, which states, "Expected response time for emergency work is 48-hours from receiving request from the Contract Manager."

23. Question: How much notice is anticipated to be given to the contractor to be on site for scheduled maintenance work?

Response: The Contract Manager will typically try to provide a 1-month notice to schedule the maintenance and inspection work.

24. Question: Are exceptions to the contract allowed in the proposal?

Response: No. Exceptions to the contract are not allowed in the proposal. Please refer to the RFP, Part I, Item D.6, which reads, "The County will not allow any Proposer's exceptions, additions, conditions, limitations, modifications or provisions to the RFP and Contract."

25. Question: Is a proposal extension possible?

Response: Yes. Please refer to page 1 of this Addendum/Informational Update for the new proposal submission deadline.

26. Question: Can contractor toolboxes and equipment be placed in the office parking area?

Response: Equipment is typically staged near the switch gear house and Unit 1. Details can be discussed with the Contract Manager before proceeding with work on the contract.

27. Question: Will the contractor be required to supply a lift truck for tooling, equipment and components or is this provided by the owner?

Response: Please refer to Task 1 on pages A.1 and A.2 of Exhibit A. The contractor in charge of mechanical maintenance and inspection will be required to provide a crane.

28. Question: When the hatch is removed is the pit still considered a confined space?

Response: Yes, the area is still considered a confined space.

29. Question: Could you provide the previous schedule for the electrical maintenance/testing? This will help determine if the scope can be completed within a week or if it needs to be spread out over a longer period.

Response: In the past, mechanical and electrical maintenance and inspection have taken between 2 to 4 weeks to complete.

- 30. Question:** Is the customer open to conducting Very Low Frequency (VLF) AC Hi-Pot testing on the medium voltage cables, or do they specifically require the requested DC Hi-Pot testing? Clarifying this will ensure the testing method aligns with the customer's requirements.

Response: For the purpose of putting together a bid proposal, the contractor should assume DC Hi-Pot testing will be required.

- 31. Question:** Are there any known issues with the equipment listed in the scope of work? Having this information will allow us to address any pre-existing issues during the maintenance/testing process.

Response: This will be discussed during the contract kick-off meeting between Contract Manager and Contractor.

- 32. Question:** Does the facility possess all the necessary switching, racking, testing, and lifting equipment required to safely remove the equipment from service? This includes equipment such as a lifter, charging handle, umbilical cord/external breaker remote control, and any other relevant tools or apparatus. Knowing the availability of these resources will help us plan and execute the maintenance/testing efficiently and safely.

Response: The contractor will be required to provide all necessary equipment for maintenance and inspection work. For lifting equipment, please refer to Task 1 on pages A.1 and A.2 of Exhibit A.a. The contractor in charge of mechanical maintenance and inspection will be required to provide a crane.

July 13, 2023
Page 13

If you have questions concerning the above information, please contact Mr. Jairo Flores at (626) 458-4069 or Ms. Jessica Dunn at (626) 458-4169, Monday through Thursday, 7 a.m. to 5 p.m.

Follow us on Twitter:

We encourage you to follow us on Twitter [@LACoPublicWorks](https://twitter.com/LACoPublicWorks) for information on Public Works and instant updates on contracting opportunities and solicitations.

Very truly yours,

MARK PESTRELLA, PE
Director of Public Works

A handwritten signature in black ink, appearing to read 'E. Manoukian', with a stylized flourish at the end.

EDWIN MANOUKIAN
Administrative Services Manager III
Business Relations and Contracts Division

JF

P:\brcdpub\Service Contracts\CONTRACT\Jairo\SAN GABRIEL DAM HYDROELECTRIC PROJECT\2023 RFP\01 RFP\Addendum\San Gabriel Dam, Addendum 1.doc

Enc.

bc: Stormwater Engineering (Ariki w/o enc., Zargaryan)
Business Relations and Contracts (Manoukian w/o enc., Flores)

**SCHEDULE OF PRICES
FOR
ON-CALL ELECTRICAL MAINTENANCE AND INSPECTION SERVICES FOR SAN GABRIEL DAM
HYDROELECTRIC PROJECT**

The undersigned Proposer offers to perform the work described in the Request for Proposals (RFP) for the following price(s). The Proposer rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, materials, transportation, taxes, equipment, and supplies unless stated otherwise in the RFP. It is understood and agreed that where quantities, if any, are set forth in the Schedule of Prices, they are only estimates, and the unit prices quoted, if any, will apply to the actual quantities, whatever they may be.

Item	SUBTASK DESCRIPTION	UNIT	UNIT RATE	ESTIMATED NO. OF UNITS	PROPOSED PRICE (UNIT RATE X NO. OF UNITS)
Unit 1 (Silo Unit) and Unit 2 (In-Line Unit) Electrical Maintenance and Inspection					
Prices shall include all work described in Exhibit A, Scope of Work for the electrical inspection and maintenance of Public Works' hydroelectric facility located at 9700 North San Gabriel Canyon Road, Azusa, California.					
Task 1	Load Break Interrupter Switches – Maintenance and Inspection	Each	\$ _____	1	\$ _____
Task 2	Medium Voltage Switchgear – Maintenance and Inspection	Each	\$ _____	1	\$ _____
Task 3	Medium Voltage Vacuum Circuit Breakers – Maintenance and Inspection	Each	\$ _____	1	\$ _____
Task 4	Circuit Protective Relays – Maintenance and Inspection	Each	\$ _____	1	\$ _____
Task 5	Meter and Instrumentation – Testing, Maintenance, and Inspection	Each	\$ _____	1	\$ _____
Task 6	Battery Bank and Equipment – Testing, Maintenance, and Inspection	Each	\$ _____	1	\$ _____
Task 7	Liquid Filled Transformers – Testing, Maintenance, and Inspection	Each	\$ _____	1	\$ _____
Task 8	5KV Cable Testing	Each	\$ _____	1	\$ _____
Task 9	Air Filters Replacement	Each	\$ _____	1	\$ _____
Task 10	Other Inspection and Maintenance	Each	\$ _____	1	\$ _____

SCHEDULE OF PRICES

FORM PW-2.1a

FOR

ON-CALL ELECTRICAL MAINTENANCE AND INSPECTION SERVICES FOR SAN GABRIEL DAM HYDROELECTRIC PROJECT

Item	SUBTASK DESCRIPTION	UNIT	UNIT RATE	ESTIMATED NO. OF UNITS	PROPOSED PRICE (UNIT RATE X NO. OF UNITS)
Task 11	Equipment to be Inspected, Tested, and Calibrated	Each	\$ _____	1	\$ _____
Task 12	Engineering Appraisal Report	Each	\$ _____	1	\$ _____
Task 13	Generator - Maintenance and Inspection	Each	\$ _____	1	\$ _____
Total Annual Price for Tasks 1-13			Total Annual Price		\$ _____

F. Additional Work

Necessary personnel and hourly, overtime*, and double time** rates to perform additional work as described in Exhibit A, paragraph F, Additional work.

(Note: Money allocated to this section may also be utilized to purchase parts). Overtime shall be hours worked outside of the typical 7 a.m to 5 p.m work period. Double time shall be hours worked on Agency recognized holidays.

*Overtime is Standard rate x 1.5. Proposer's proposed Overtime rate for each category cannot exceed 1.5 times of the same category's standard rate (Unit Price x 1.5 = Overtime quoted in this Form PW-2, Schedule of Prices.)

**Double Time is Standard rate x 2. Proposer's proposed Double Time rate for each category cannot exceed 2 times of the same category's standard rate (Unit Price x 2 = Double Time quoted in this Form PW-2, Schedule of Prices.)

F.1	<u>Electrical Engineer</u>	Hours			
	Standard Rate		\$ _____	8	\$ _____
	Overtime Rate		\$ _____	2	\$ _____
	Double Time Rate		\$ _____	1	\$ _____
F.2	<u>Technician</u>	Hours			
	Standard Rate		\$ _____	40	\$ _____
	Overtime Rate		\$ _____	11	\$ _____
	Double Time Rate		\$ _____	6	\$ _____
F.3	<u>Control System Technician</u>	Hours			
	Standard Rate		\$ _____	40	\$ _____
	Overtime Rate		\$ _____	11	\$ _____
	Double Time Rate		\$ _____	6	\$ _____
F.4	<u>Control System Engineer</u>	Hours			
	Standard Rate		\$ _____	30	\$ _____
	Overtime Rate		\$ _____	8	\$ _____
	Double Time Rate		\$ _____	4	\$ _____
F.5	<u>Electrician</u>	Hours			
	Standard Rate		\$ _____	40	\$ _____
	Overtime Rate		\$ _____	11	\$ _____
	Double Time Rate		\$ _____	6	\$ _____

SCHEDULE OF PRICES

FORM PW-2.1a

FOR

**ON-CALL ELECTRICAL MAINTENANCE AND INSPECTION SERVICES FOR SAN GABRIEL DAM
HYDROELECTRIC PROJECT**

Item	SUBTASK DESCRIPTION	UNIT	UNIT RATE	ESTIMATED NO. OF UNITS	PROPOSED PRICE (UNIT RATE X NO. OF UNITS)
Total Annual Price for Additional Work			Total Annual Price		\$
Total Proposed Annual Price for Tasks 1-13 and F.1-5			\$ _____		
LEGAL NAME OF PROPOSER					
SIGNATURE OF PERSON AUTHORIZED TO SUBMIT PROPOSAL					
TITLE OF AUTHORIZED PERSON					
DATE	STATE CONTRACTOR'S LICENSE NUMBER			LICENSE TYPE	
PROPOSER'S ADDRESS:					
E-MAIL					
PHONE	MOBILE	FACSIMILE			