

State of Idaho

Department of State

AMENDED CERTIFICATE OF AUTHORITY

OF

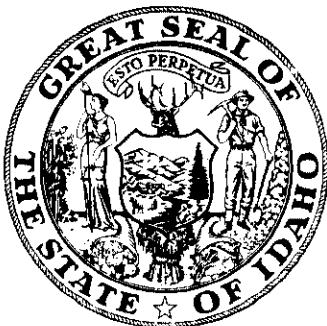
BROWN & ROOT TECHNICAL SERVICES, INC.

File Number **C 97704**

I, PETE T. CENARRUSA, Secretary of the State of the State of Idaho , hereby certify that an Application for Amended Certificate of Authority to do business in this State, duly executed pursuant to the provisions of the Idaho Business Corporation Act, has been received in this office and is found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I issue this Amended Certificate of Authority to reflect the name change from **BROWN & ROOT TECHNICAL SERVICES, INC.** to **HALLIBURTON TECHNICAL SERVCIES, INC.** and attach hereto a duplicate of the Application for such Amended Certificate.

Dated: January 27, 1999



Pete T. Cenarrusa
SECRETARY OF STATE

By *[Signature]*

APPLICATION FOR AMENDED CERTIFICATE OF AUTHORITY

FILED


(Instructions on back of application)

To the Secretary of State of the State of Idaho:

Pursuant to Section 30-1-1504, **Idaho Code**, the undersigned Corporation hereby applies for an amended certificate of authority to transact business in the State of Idaho and for that purpose submits the following statement. Complete only applicable items.

1. A Certificate of Authority was issued to the corporation by your office on February 24 19 92 authorizing it to transact business in the State of Idaho under the name of Brown & Root Technical Services, Inc.
2. Its corporate name has been changed to Halliburton Technical Services, Inc.
3. The name which it shall use hereafter in the State of Idaho is Halliburton Technical Services, Inc.
4. It has changed its jurisdiction of incorporation, without a change of corporate identity to: No Change

 Dated: 01/08/99
Halliburton Technical Services, Inc.
(Corporation Name)

By

Peter W. Arbour
Peter W. Arbour

Its

Vice President

(specify capacity of signer)

Customer Acct #:

 (If using pre-paid) **IDAHO SECRETARY OF STATE**

Secretary of State use only

01/27/1999 09:00
CX: 118041548 CT: 69806 BH: 182346

 1 @ 38.00 = 38.00 AMEND CERT # 2
1 @ 20.00 = 20.00 EXPEDITE C # 3

 Revised 7/97
g:\corpforms\AAC.pmf

State of Delaware
Office of the Secretary of State

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I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE SAID "BROWN & ROOT TECHNICAL SERVICES, INC.", FILED A CERTIFICATE OF AMENDMENT, CHANGING ITS NAME TO "HALLIBURTON TECHNICAL SERVICES, INC.", THE THIRTIETH DAY OF DECEMBER, A.D. 1998, AT 10:02 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CORPORATION IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE NOT HAVING BEEN CANCELLED OR DISSOLVED SO FAR AS THE RECORDS OF THIS OFFICE SHOW AND IS DULY AUTHORIZED TO TRANSACT BUSINESS.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 1998.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

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991006258

AUTHENTICATION:

DATE:

9508019

01-07-99