Mauricio Cárdenas Santamaría
Minister of Finance
Ministry of Finance
Carrera 8 # 6C-38
Bogota D.C.
Código Postal 111711
Colombia

Re: IBRD Loan 7944-CO (Strengthening the National System of Science, Technology and Innovation Project – APL Phase I)
Additional Instructions: Disbursement Letter Amendment

Dear Minister Cárdenas:

I refer to the Loan Agreement between the Republic of Colombia (the “Borrower”) and the International Bank for Reconstruction and Development (the “World Bank”) for the above-referenced project, dated August 2, 2010. The Agreement provides that the World Bank may issue additional instructions regarding the withdrawal of the proceeds of Loan No. 7944-CO (“Loan”). This letter (“Disbursement Letter”), as revised from time to time, constitutes the additional instructions, and replaces the previous version dated August 2, 2010 to change the ceiling of the Designated Account from a fixed amount of USD $5,000,000 to a variable amount based on a forecast for two (2) quarters as provided in the quarterly Interim Financial Report.

The attached World Bank Disbursement Guidelines for Projects, dated May 1, 2006, (“Disbursement Guidelines”) (Attachment 1), are an integral part of the Disbursement Letter. The manner in which the provisions in the Disbursement Guidelines apply to the Loan is specified below. Sections and subsections in parentheses below refer to the relevant sections and subsections in the Disbursement Guidelines and, unless otherwise defined in this letter, the capitalized terms used have the meanings ascribed to them in the Disbursement Guidelines.

I. Disbursement Arrangements

(i) Disbursement Methods (section 2). The following Disbursement Methods may be used under the Loan:

- Reimbursement
- Advance
- Direct Payment
(ii) Disbursement Deadline Date (subsection 3.7). The Disbursement Deadline Date is four months after the Closing Date specified in the Loan Agreement. Any changes to this date will be notified by the World Bank.

(iii) Disbursement Conditions (subsection 3.8). Please refer to the Disbursement Condition(s) in the Loan Agreement.

II. Withdrawal of Loan Proceeds

(i) Authorized Signatures (subsection 3.1). A letter in the Form attached (Attachment 2) should be furnished to the World Bank at the address indicated below providing the name(s) and specimen signature(s) of the official(s) authorized to sign Applications:

Banco Mundial  
Carrera 7 No. 71-21  
Torre A, Piso 16  
Apartado 10229  
Bogota, Colombia  
Attention: Gloria Grandolini, Director, Country Management Unit

(ii) Applications (subsections 3.2 - 3.3). Please provide completed and signed applications for withdrawal, together with supporting documents, to the address indicated below:

Banco Mundial  
SCN, Quadra 02, Lote A  
Edificio Corporate Finance Center  
7° andar  
70712-900 Brasilia, D.F.  
Brazil  
Attention: Loan Department

(iii) Electronic Delivery (subsection 3.4) The Bank may permit the Borrower to electronically deliver to the Bank Applications (with supporting documents) through the Bank’s Client Connection, web-based portal. The option to deliver Applications to the Bank by electronic means may be effected if: (a) the Borrower has designated in writing, pursuant to the terms of subparagraph (i) of this Section, its officials who are authorized to sign and deliver Applications and to receive secure identification credentials (“SIDC”) from the Bank for the purpose of delivering such Applications by electronic means; and (b) all such officials designated by the Borrower have registered as users of Client Connection. If the Bank agrees, the Bank will provide the Borrower with SIDC for the designated officials. Following which, the designated officials may deliver Applications electronically by completing Form 2380, which is accessible through Client Connection (https://clientconnection.worldbank.org). The Borrower may continue to exercise the option of preparing and delivering Applications in paper form. The Bank reserves the right and may, in its sole discretion, temporarily or permanently disallow the electronic delivery of Applications by the Borrower.
(iv) **Terms and Conditions of Use of SIDC to Process Applications.** By designating officials to use SIDC and by choosing to deliver the Applications electronically, the Borrower confirms through the authorized signatory letter its agreement to: (a) abide by the *Terms and Conditions of Use of Secure Identification Credentials in connection with Use of Electronic Means to Process Applications and Supporting Documentation* ("Terms and Conditions of Use of Secure Identification Credentials") provided in Attachment 5; and (b) to cause such official to abide by those terms and conditions.

(v) **Minimum Value of Applications (subsection 3.5).** The Minimum Value of Applications is United States Dollars (USD) 1,000,000 (or equivalent in other currencies)

(vi) **Advances (sections 5 and 6).**

- **Type of Designated Account (subsection 5.3):** Segregated

- **Currency of Designated Account (subsection 5.4):** USD

- **Financial Institution at which the Designated Account Will Be Opened (subsection 5.5):** Banco de la República.

- **Ceiling (subsection 6.1):** Variable - Forecast for 2 quarters as provided in the quarterly Interim Financial Report, as authorized by the World Bank’s Task Team Leader.

**III. Reporting on Use of Loan Proceeds**

(i) **Supporting Documentation (section 4).** Supporting documentation should be provided with each application for withdrawal as set out below:

- **For requests for Reimbursement and for reporting eligible expenditures paid from the Designated Account:**

  **For Disbursement Category (1):**
  - "Statement of Expenditures" – Attachment 3C DC1 SOE for all payments made from this category. In the event payments are made for: (i) Consulting Firms Services against contracts valued at USD 100,000 equivalent or more; (ii) Individual Consultants against contracts valued at USD 50,000 equivalent or more; (iii) Goods and Works against contracts valued at USD 300,000 equivalent or more, supporting documentation evidencing eligible expenditures (e.g., copies of receipts, supplier invoices) should be added.

  **For Disbursement Category (2):**
  - "Statement of Expenditure" – Attachment 3D DC2 SOE for all payments made from this category, on a grant basis, subject to the terms and conditions set out below, under IV. Other Disbursement Instructions, (ii).
For Disbursement Category (3):
- "Statements of Expenditure" – Attachment 3D DC2 SOE for all payments made from this category, on a grant basis, for stipends, subject to the terms and conditions set out below, under IV. Other Disbursement Instructions, (iii).

For Disbursement category (4):
- Records – "Statements of Expenditures" with supporting documentation in the form attached (Attachment 3A) - evidencing eligible expenditure (e.g., copies of receipts, supplier invoices ) for payments made for: (i) Consulting Firms Services against contracts valued at USD 100,000 equivalent or more; (ii) Individual Consultants against contracts valued at USD 50,000 equivalent or more; (iii) Goods and Works against contracts valued at USD 300,000 equivalent or more;
- "Statement of Expenditures" without supporting documentation, in the form attached (Attachment 3B) for all other expenditures below the above mentioned thresholds;
- List of payments against contracts that are subject to the Bank’s prior review, in the form attached (Attachment 4), for all disbursement categories above.
- A Designated Account activity reconciliation statement and Bank Statement should be submitted with each withdrawal application reporting on the use of Grant proceeds from the Designated Account.

• For requests for Direct Payment: records evidencing eligible expenditures, e.g., copies of receipts, supplier invoices

(ii) Frequency of Reporting Eligible Expenditures Paid from the Designated Account (subsection 6.3): Minimum frequency: Quarterly

IV. Other Disbursement Instructions - Definition of Eligible Expenditures and timing for recognition of expenditures for Bank disbursement purposes:

(i) Eligible expenditures to be financed out of proceeds of the loan, from Disbursement Category (1), as per the Loan Agreement, are those for actual costs for Goods, Works and Services (as applicable), incurred by beneficiaries for subproject implementation under Part B (except Part B.1. (b)(i)), Part C and Part D of the Project, and delivered or rendered before or up to the project’s closing date.

(ii) Eligible expenditures to be financed out of proceeds of the loan, from Disbursement Category (2), as per the Loan Agreement, are the amounts transferred, as Grants under Part B.1. (b)(i) of the Project, for Subprojects, not in to excess of the equivalent to USD 1,500 per subproject or eligible beneficiary, under the Programa Ondas.
(iii) Eligible expenditures to be financed out of proceeds of the loan, from Disbursement Category (3), as per the Loan Agreement, are the amounts transferred as Stipends under Part B.1. (a)(i) of the Project, not in excess of the equivalent to Colombian Pesos 190,000,000 per year and per eligible beneficiary (grant recipient institution). Each payment to be made under this Category (3), per year and per eligible beneficiary, greater than Colombian Pesos 95,000,000, would require specific “no-objection” from the World Bank’s Task Team Leader and the date of such “no-objection” should be stated on the relevant SOE form – 3E DC3.

(iv) Eligible expenditures to be financed out of proceeds of the loan, from Disbursement Category (4), as per the Loan Agreement, are those for actual costs for Goods, Non-Consultant’s Services, Operating Costs and Consultant’s Services (as applicable), incurred by COLCIENCIAS under Part A., B., C.1. (d), and D of the Project, and delivered or rendered before or up to the project’s closing date.

V. Other Important Information


If you have not already done so, the Bank recommends that you register as a user of the Client Connection website ([https://clientconnection.worldbank.org](https://clientconnection.worldbank.org)). From this website you will be able to prepare and deliver Applications, monitor the near real-time status of the Loan, and retrieve related policy, financial, and procurement information. All Borrower officials authorized to sign and deliver Applications by electronic means are required to register with Client Connection before electronic delivery can be effected. For more information about the website and registration arrangements, please contact the Bank by email at <clientconnection@worldbank.org>.

If you have any queries in relation to the above, please contact Victor Ordonez, at vconde@worldbank.org, with copy to Virginia Hormazabal at vhormazabal@worldbank.org using the above reference.

Yours sincerely,

Victor Ordonez
Senior Finance Officer
Loan Department
Controller’s Vice Presidency
The World Bank

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Attachments:

Attachment number 1, 3A, 3B, 3C DC1, 3C DC2, 3C DC3 and 4 remain without changes as provided in the original Disbursement Letter (dated August 2, 2010)

2. Form for Authorized Signatures

Form of Authorized Signatory Letter

[Letterhead]
Ministry of Finance
[Street address]
[City] [Country]

[DATE]

The World Bank
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

Attention: [Country Director]

Re: Loan No. ____-____ (___________ Project)

I refer to the Loan Agreement ("Agreement") between the International Bank for Reconstruction and Development (the "Bank") and [name of borrower] (the "Borrower"), dated ______, providing the above Loan. For the purposes of Section 2.03 of the General Conditions as defined in the Agreement, any [one] of the persons whose authenticated specimen signatures appear below is authorized on behalf of the Borrower to sign applications for withdrawal [and applications for a special commitment] under this Loan.

For the purpose of delivering Applications to the Bank, [each] of the persons whose authenticated specimen signatures appears below is authorized on behalf of the Borrower, acting [individually] [jointly], to deliver Applications, and evidence in support thereof on the terms and conditions specified by the Bank.

This confirms that the Borrower is authorizing such persons to accept Secure Identification Credentials (SIDC) and to deliver the Applications and supporting documents to the Bank by electronic means. In full recognition that the Bank shall rely upon such representations and warranties, including without limitation, the representations and warranties of:

1 Instruction to the Borrower: Stipulate if more than one person needs to sign Applications, and how many or which positions, and if any thresholds apply. **Please delete this footnote in final letter that is sent to the Bank.**

2 Instruction to the Borrower: Stipulate if more than one person needs to jointly sign Applications, if so, please indicate the actual number. **Please delete this footnote in final letter that is sent to the Bank.**

3 Instruction to the Borrower: Use this bracket if any one of the authorized persons may sign; if this is not applicable, please delete. **Please delete this footnote in final letter that is sent to the Bank.**

4 Instruction to the Borrower: Use this bracket only if several individuals must jointly sign each Application; if this is not applicable, please delete. **Please delete this footnote in final letter that is sent to the Bank.**

5 Instruction to the Borrower: Add this paragraph if the Borrower wishes to authorize the listed persons to accept Secure Identification Credentials and to deliver Applications by electronic means; if this is not applicable, please delete the paragraph. **Please delete this footnote in final letter that is sent to the Bank.**
warranties contained in the Terms and Conditions of Use of Secure Identification Credentials in connection with Use of Electronic Means to Process Applications and Supporting Documentation ("Terms and Conditions of Use of SIDC"), the Borrower represents and warrants to the Bank that it will cause such persons to abide by those terms and conditions.]

This Authorization replaces and supersedes any Authorization currently in the Bank records with respect to this Agreement.

[Name], [position] Specimen Signature: __________________

[Name], [position] Specimen Signature: __________________

[Name], [position] Specimen Signature: __________________

Yours truly,

/ signed /

[Position]
Terms and Conditions of Use of Secure Identification Credentials in connection with Use of Electronic Means to Process Applications and Supporting Documentation

March 1, 2013

The World Bank (Bank)\(^6\) will provide secure identification credentials (SIDC) to permit the Borrower\(^7\) to deliver applications for withdrawal and applications for special commitments under the Agreement(s) and supporting documentation (such applications and supporting documentation together referred to in these Terms and Conditions of Use as Applications) to the Bank electronically, on the terms and conditions of use specified herein.

SIDC can be either: (a) hardware-based (Physical Token), or (b) software-based (Soft Token). The Bank reserves the right to determine which type of SIDC is most appropriate.

A. Identification of Users.

1. The Borrower will be required to identify in a completed Authorized Signatory Letter (ASL) duly delivered to and received by the Bank each person who will be authorized to deliver Applications. The Bank will provide SIDC to each person identified in the ASL (Signatory), as provided below. The Borrower shall also immediately notify the Bank if a Signatory is no longer authorized by the Borrower to act as a Signatory.

2. Each Signatory must register as a user on the Bank’s Client Connection (CC) website (https://clientconnection.worldbank.org) prior to receipt of his/her SIDC. Registration on CC will require that the Signatory establish a CC password (CC Password). The Signatory shall not reveal his/her CC Password to anyone or store or record the CC Password in written or other form. Upon registration as a CC user, the Signatory will be assigned a unique identifying account name.

B. Initialization of SIDC.

1. Prior to initialization of SIDC by a Signatory, the Signatory will acknowledge having read, understood and agreed to be bound by these Terms and Conditions of Use.

2. Where a Physical Token is to be used, promptly upon receipt of the Physical Token, the Signatory will access CC using his/her account name and CC Password and register his/her Physical Token and set a personal identification number (PIN) to be used in connection with the use of his/her Physical Token, after which the Physical Token will be initialized for use by the Signatory exclusively for purposes of delivering Applications.

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\(^{6}\) “Bank” includes IBRD and IDA.

\(^{7}\) “Borrower” includes the borrower of an IBRD loan, IDA credit, or Project Preparation Facility advance and the recipient of a grant.
Where a Soft Token is to be used, the Signatory will access CC using his/her account name and CC Password and set a personal identification number (PIN) to be used in connection with the use of his/her Soft Token, after which the Soft Token will be initialized for use by the Signatory exclusively for purposes of delivering Applications. Upon initialization of the SIDC, the Signatory will be a “SIDC User”. The Bank will maintain in its database a user account (Account) for each SIDC User for purposes of managing the SIDC of the SIDC User. Neither the Borrower nor the SIDC User will have any access to the Account.

3. Prior to first use of the SIDC by the SIDC User, the Borrower shall ensure that the SIDC User has received training materials provided by the Bank in use of the SIDC.

C. **Use of SIDC.**

1. Use of the SIDC is strictly limited to use in the delivery of Applications by the SIDC User in the manner prescribed by the Bank in the Agreement(s) and these Terms and Conditions. Any other use of the SIDC is prohibited.

2. The Bank assumes no responsibility or liability whatsoever for any misuse of the SIDC by the SIDC User, other representatives of the Borrower, or third parties.

3. The Borrower undertakes to ensure, and represents and warrants to the Bank (such representation and warranty being expressly relied upon by the Bank in granting SIDC) that each SIDC User understands and will abide by, these Terms and Conditions of Use, including without limitation the following:

4. **Security**

   4.1. The SIDC User shall not reveal his/her PIN to anyone or store or record the PIN in written or other form.

   4.2. The SIDC User shall not allow anyone else to utilize his/her SIDC to deliver an Application to the Bank.

   4.3. The SIDC User shall always logout from CC when not using the system. Failure to logout properly can create a route into the system that is unprotected.

   4.4. If the SIDC User believes a third party has learned his/her PIN or has lost his/her Physical Token he/she shall immediately notify clientconnection@worldbank.org.

   4.5. The Borrower shall immediately notify the Bank at clientconnection@worldbank.org of any lost, stolen or compromised SIDC, and take other reasonable steps to ensure such SIDC are disabled immediately.

5. **Reservation of Right to Disable SIDC**

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5.1. The Borrower shall reserve the right to revoke the authorization of a SIDC User to use a SIDC for any reason.

5.2. The Bank reserves the right, in its sole discretion, to temporarily or permanently disable a SIDC, de-activate a SIDC User’s Account or both.

6. **Care of Physical Tokens**

6.1. Physical Tokens will remain the property of the Bank.

6.2. The Bank will physically deliver a Physical Token to each Signatory designated to receive one in a manner to be determined by and satisfactory to the Bank.

6.3. Physical Tokens contain delicate and sophisticated instrumentation and therefore should be handled with due care, and should not be immersed in liquids, exposed to extreme temperatures, crushed or bent. Also, Physical Tokens should be kept more than five (5) cm from devices that generate electromagnetic radiation (EMR), such as mobile phones, phone-enabled PDAs, smart phones and other similar devices. Physical Tokens should be carried and stored separate from any EMR device. At close range (less than 5 cm), these devices can output high levels of EMR that can interfere with the proper operation of electronic equipment, including the Physical Token.

6.4. Without derogating from these Terms and Conditions of Use, other technical instructions on the proper use and care of Physical Tokens are available at http://www.rsa.com.

7. **Replacement**

7.1. Lost, damaged, compromised (in terms of 4.5, above) or destroyed Physical Tokens will be replaced at the expense of the Borrower.

7.2. The Bank reserves the right, in its sole discretion, not to replace any Physical Token in the case of misuse, or not to reactivate a SIDC User’s Account.
FOR OFFICIAL USE ONLY

Victor Ordonez, CTRLN

Cleared with and cc:

Mariana Montiel, LEGLE
Robert Hawkins (LCSHE), TTL

With copy:

Luz Zeron, LCSFM