



Bidding Document Amendment_20130419

	Amendment							
Pag	ge	Before				After		
SEC	CTION II. Bid Data Sheet							
73	Related Field Experience in	Геаcher Trainin	g	Re	elated Field Experience in	Геасher Trainir	ng	
		x ≥ 10	40			x ≥ 10	40	
	Number of ICT training	$7 \le x < 9$	36		Number of ICT training	$7 \le x < 10$	36	
	for teachers for the last	$3 \le x < 6$	28		for teachers for the last	$3 \le x < 7$	28	
	five (5) years from the bid	0 < x < 2	16		five (5) years from the bid	0 < x < 3	16	
	issuing date (exceeding 100 persons only, minimum 30 hours per program)	x = 0	0		issuing date (exceeding 100 persons only, minimum 30 hours per program)	x = 0	0	
SEC	CTION III. Eligible Countri	es						
Arti	cle 2. Section C							
87	Countries, provided that the prior consent of the	hall be procured t a part of Goods Export-Import Ba r than the Eligibl	o be financed out of the from the Eligible Source is and Services may, with ank of Korea, be procured the Source Countries up to		C. All the Goods and Re proceeds of the Loan s Countries, provided that the prior consent of the from the countries othe 14.2% of the total Loan	hall be procured at a part of Good Export-Import B r than the Eligib	from the I ds and Serv ank of Kore	Eligible Source ices may, with ea, be procured
					Bidders shall acknowle goods and services cann The portion shall be exp	ot exceed 14.2%	of the total	Loan Amount.





in the disqualification from the bid.

SECTION V. Special Conditions of Contract

A. CONTRACT AND INTERPRETATION

12. Terms of Payment (GCC Clause 12)

Subject to the provisions of GCC Clause 12 (Terms of Payment) and the approval of the Consultant for each task (or activity) performed by the Supplier, the Purchaser shall pay the **Net Contract Price** to the Supplier in the manner specified below and in accordance with the Disbursement Procedures under the EDCF Loan. Except as otherwise noted, all payments shall be made for the portion of the Contract Price corresponding to the goods or services actually Delivered, Installed, or Operationally Accepted, per the Contract Implementation Schedule, at unit prices and in the currencies specified in the Price Schedules of the Contract Agreement and subject to the approval of the EXIM Bank of Korea.

Net prices for each item, all taxes, duties and levies paid in the Purchaser's country shall be detailed in the invoices.

From the Local Currency Portion of USD\$8,141,338, USD\$6,315,258 shall be paid by the Supplier to 5 RIC (USD\$1,575,258 for the Central RIC and USD\$4,740,000 for RIC) designated by the Purchaser against their delivery of quality content (33 courseware) and against their delivery of Leader Teacher training of 16,000 teachers. The Supplier shall manage the overall

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process of content development and teacher training and assist RIC to manage the quality of the products and services while RIC shall be responsible for the quality of the deliverables (33 courseware and Leader Teacher training of 16,000 teachers). Conditions of such payments is stipulated on the SCC 12.1.

The Local Currency Portion of USD\$8,141,338 shall be distributed as follows:

Local Currency					
1. RICs	USD\$5,056,000				
2. Resources for RICs to contract	USD\$1,259,258				
approximately 75 supporting people					
for five (5) RICs					
Subtotal 1	USD\$6,315,258				
3.Amount to guarantee the quality	USD\$1,826,080				
of the deliverables from local					
resources					
Total Local Currency	USD\$8,141,338				

- 1.- USD\$5,056,000 to be paid by the Supplier to the five RICs as follows:
 - USD\$1,264,000 for the Central RIC
 - USD\$3,792,000 $\,$ for the other 4 RICs $\,$ (USD\$948,000 for the other 4 RICs)
- 2.- USD\$1,259,258 to be paid by the Supplier to the five RICs, in order to contract approximately 75 supporting people for RICs, as follows:
 - USD\$311,258for the Central RIC
 - USD\$948,000 for the other 4 RICs (USD\$237,000 for the other 4

the overall process of content development and teacher training and assist RIC to manage the quality of the products and services while RIC shall be responsible for the quality of the deliverables (33 courseware and Leader Teacher training of 16,000 teachers). Conditions of such payments are stipulated on the SCC 12.1.

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RIC's)

3.- USD\$1,826,080 to be paid by the Supplier to guarantee the quality of the deliverables from local resources.

The Supplier shall be responsible for the utilization of the following Local Currency Portion of USD\$1,826,080 and it shall utilize the maximum amount to guarantee the quality of the deliverables from local resources as follows:

- 1) Infrastructure
- a. For RIC security system (USD\$73,430)

Class	Unit 1	Unit 2	Unit Price	Total
System engineer	1 person	1 week	1,150	1,150
CCTV engineer	2 people	1 week	1,150	2,300
Electricity engineer	2 people	1 week	1,150	2,300
Sensor cabling, power	1ea		8,936	8,936
cabling and video cabling				
Total]	For each RIC	14,686
			For all 5 RIC	73,430

- 2) e-Portal
- a. For Publication / e-Portal Awareness Program (USD\$162,000)

Class	Unit 1	Unit 2	Unit Price	Total	

RIC's)

3.- USD\$1,826,080 to be paid by the Supplier to guarantee the quality of the deliverables from local resources.

The Supplier shall be responsible for the utilization of the following Local Currency Portion of USD\$1,826,080 and it shall utilize the maximum amount to guarantee the quality of the deliverables from local resources as follows:

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Sensor cabling, power	1ea		8,936	8,936
cabling and video cabling				
Total	For each RIC			14,686
]	For all 5 RIC	73,430

- 2) e-Portal
- a. For Publication / e-Portal Awareness Program (USD\$162,000)

Class	Unit 1	Unit 2	Unit Price	Total
e-Portal	3 times		27,000	81,000
Awareness				





	e-Portal	3 times	27,000	81,000
	Awareness			
	Program			
	operation			
	Call for Contests	3 times	27,000	81,000
	and			
	announcements			
	Total			162,000

b. For Architecture & Data Migration (USD\$217,200)

Class	Unit 1	Unit 2	Unit Price	Total
Information	3 people	12 months	2,300	82,800
Architects				
Programmers	7 people	12 months	1,600	134,400
Total				217,200

c. For Help Desk (USD\$165,600)

Class	Unit 1	Unit 2	Unit Price	Total
Call Center Operators	6 people	12 months	2,300	165,600
Total				165,600

d. For Lab School (USD\$253,250)

Class	Unit 1	Unit 2	Unit Price	Total
Network engineer	5 people	3 months	2,300	34,500
Assisting	10 people	3 months	1,600	48,000

	Program operation			
	Call for Contests and announcements	3 times	27,000	81,000
į	Total			162,000

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Information	3 people	12 months	2,300	82,800
Architects				
Programmers	7 people	12 months	1,600	134,400
Total				217,200

c. For Help Desk (USD\$165,600)

Class	Unit 1	Unit 2	Unit Price	Total
Call Center	6 people	12 months	2,300	165,600
Operators				
Total				165,600

d. For Lab School (USD\$253,250)

Class	Unit 1	Unit 2	Unit Price	Total
Network engineer	5 people	3 months	2,300	34,500
Assisting	10 people	3 months	1,600	48,000
engineers				
Site trip cost	50 site		1,500	75,000





	engineers				
	Site trip cost	50 site		1,500	75,000
ſ	Communication	5 people	3 months	150	2,250
Ī	Installation	50 site		1,150	57,500
ſ	Internet fee	50 site	12 months	60	36,000
	Total				253,250

- 3) Content Development and Management
- a. For Content Development and Management Manual (USD\$41,400)

Class	Unit 1	Unit 2	Unit Price	Total
Manual Experts	6 people	3 months	2,300	41,400
Total				41,400

b. For Content Development (USD\$441,600)

Class	Unit 1	Unit 2	Unit Price	Total
Curricular	18 people	4 months	2,300	165,600
analysis experts				
Evaluators	15 people	8 months	2,300	276,000
Total				441,600

- 4) Teacher Training
- a. For Teacher Training Manual (USD\$339,000)

Class	Unit 1	Unit 2	Unit Price	Total
Manual experts	5 people	10 months	2,300	115,000

Communication	5 people	3 months	150	2,250
Installation	50 site		1,150	57,500
Internet fee	50 site	12 months	60	36,000
Total				253,250

- 3) Content Development and Management
- a. For Content Development and Management Manual (USD\$41,400)

Class	Unit 1	Unit 2	Unit Price	Total
Manual Experts	6 people	3 months	2,300	41,400
Total				41,400

b. For Content Development (USD\$441,600)

Class	Unit 1	Unit 2	Unit Price	Total
Curricular	18 people	4 months	2,300	165,600
analysis experts				
Evaluators	15 people	8 months	2,300	276,000
Total				441,600

- 4) Teacher Training
- a. For Teacher Training Manual (USD\$339,000)

Class	Unit 1	Unit 2	Unit Price	Total
Manual experts	5 people	10 months	2,300	115,000
Manual assistant	12 people	10 months	1,600	192,000
Teachers	10 people	2 months	1,600	32,000





Ī	Manual assistant	12 people	10 months	1,600	192,000
Ī	Teachers	10 people	2 months	1,600	32,000
Ī	Total				339,000

b. For ISST (USD\$108,600)

Class	Unit 1	Unit 2	Unit Price	Total
ISST experts	3 people	6 months	2,300	41,400
Assistant	6 people	6 months	1,600	57,600
Teachers	3 people	2 months	1,600	9,600
Total				108,600

5) Project Management

a. For Site survey (USD\$24,000)

Class	Unit 1	Unit 2	Unit Price	Total
Site survey assistant	5 people	1 month	2,300	11,500
Trip expense	5 people	4 trips	625	12,500
Total				24,000

The Supplier shall be responsible for hiring the above-mentioned local human resources and providing working environment according to the Colombian laws and regulations. Selection of such human resources will be assisted by the Purchaser. Even in case the Supplier chooses to subcontract with local companies or entities, the Supplier is responsible for the quality of the goods or services.

Total	339,000
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b. For ISST (USD\$108,600)

Class	Unit 1	Unit 2	Unit Price	Total
ISST experts	3 people	6 months	2,300	41,400
Assistant	6 people	6 months	1,600	57,600
Teachers	3 people	2 months	1,600	9,600
Total				108,600

5) Project Management

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Class	Unit 1	Unit 2	Unit Price	Total
Site survey assistant	5 people	1 month	2,300	11,500
Trip expense	5 people	4 trips	625	12,500
Total				24,000

The Supplier shall be responsible for hiring the above-mentioned local human resources and providing working environment according to the Colombian laws and regulations. Selection of such human resources will be assisted by the Purchaser. Even in case the Supplier chooses to subcontract with local companies or entities, the Supplier is responsible for the quality of the goods or services.

If the goods or services cannot be procured from the Eligible Source Countries, it can be procured from the countries other than Eligible Source





If the goods or services cannot be procured from the Eligible Source Countries, it can be procured from the countries other than Eligible Source Countries up to 14.2% of the total Loan Amount.

The disbursement for each year starting from the Effective Date of the Contract shall not exceed the following figures, neither the Colombian Government Budget amount nor the Loan Resources:

Year	EDCF Loan	Colombian Government Budget (Taxes, duties)
Year 1 (2013)	USD\$17,262,758	USD\$4,515,766
Year 2 (2014)	USD\$9,908,458	USD\$2,899,194
TOTAL	USD\$27,171,216	USD\$7,414,960

The Budget allocation specified above was calculated considering the estimated price of the Contract. The final contract price will depend on the Bidder's financial proposal.

The formats given in the Sample Forms shall be used by the Supplier to provide appropriate information:

1) Advance Payment:

On the first Year (2013), the Purchaser will pay the Supplier an advance payment that shall not exceed 27.2% of the Net Contract

Countries up to 14.2% of the total Loan Amount.

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Year 1 (2013)	USD\$17,262,758	USD\$4,515,766
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TOTAL	USD\$27,171,216	USD\$7,414,960

The Budget allocation specified above was calculated considering the estimated price of the Contract. The final contract price will depend on the Bidder's financial proposal.

The formats given in the Sample Forms shall be used by the Supplier to provide appropriate information:

1) Advance Payment:

On the first Year (2013), the Purchaser will pay the Supplier an advance payment that shall not exceed 27.2% of the Net Contract Price and 20.54% from the Colombian Government Budget. This advance payment represents the 42% of the payment assigned for





Price and 20.54% from the Colombian Government Budget. This advance payment represents the 66% of the payment assigned for ICT Infrastructure and 66% of the payment assigned for e-portal Hardware.

Within this advanced payment, on the Local currency portion it is assigned USD\$1,011,200, to be paid to the operators, as an advanced payment, prior approval by MOE, once the operators have the RIC ready for the implementation and have the staff for their operation according to the following:

Operators	1st Payment (Advanced P ayment)
Center	252,800
South	189,600
East	189,600
West	189,600
North	189,600
TOTAL	1,011,200

The advance payment to the Supplier shall be paid when the Supplier delivers a detailed bill describing which is the amount to be paid with loan resources (goods and/or services) and the amount to be paid with Colombian Government Budget (taxes, duties and levies). This bill shall be accompanied by the Advance

ICT Infrastructure, 42% of the payment assigned for e-portal Hardware, 28% of the payment assigned for Content Development & Standardization and 22% of the payment assigned for teacher training.

Within this advanced payment, on the Local currency portion it is assigned USD\$2,601,231 (USD\$1,596,957 from Content Development – around 28% and USD\$1,004,274 from Teacher Training – around 22%) to be paid to the operators, as an advanced payment, prior approval by MOE, once the operators have the RIC ready for the implementation and have the staff for their operation according to the following:

Operators	1st Payment (Advanced P ayment)
Center	620,607
South	495,156
East	495,156
West	495,156
North	495,156
TOTAL	2,601,231

The advance payment to the Supplier shall be paid when the Supplier delivers a detailed bill describing which is the amount to be paid with loan resources (goods and/or services) and the amount to be paid with Colombian Government Budget (taxes, duties and levies). This bill shall be accompanied by the Advance Payment Security specified in GCC Clause 13.2.





Payment Security specified in GCC Clause 13.2.

- 2) For each item related to the Contract, the payments will be as follows:
 - a) Infrastructure
 - i) ICT Infrastructure other than Lab Schools & e-Portal Hardware:
 - (1) Sixty Six percent (66%) of the Net Contract Price assigned to the Infrastructure item as an advanced payment; and for the disbursement, as an advanced payment, from the local currency portion of the credit, for each RIC at the beginning of the activities are as follows:

Operators	1st Payment (Advanced Payment)	
Center	252,800	
South	189,600	
East	189,600	
West	189,600	
North	189,600	
TOTAL	1,011,200	

- 2) For each item related to the Contract, the payments will be as follows:
 - a) Infrastructure
 - i) ICT Infrastructure other than Lab Schools & e-Portal Hardware:
 - (1) Forty two percent (42%) of the Net Contract Price assigned to the Infrastructure item as an advanced payment.
 - (2) Twenty four percent (24%) of the Net Contract Price assigned to the Infrastructure item on the delivery of the equipment to the five RIC warehouse.
 - (3) Twenty four percent (24%) of the Net Contract Price assigned to the Infrastructure item on the completion of the installation of the five RIC, all general classroom and multimedia room facilities implemented for all RIC.
 - (4) Ten percent (10%) of the Net Contract Price assigned to the Infrastructure item on the operational acceptance test of all the infrastructure installed.; and all RICs facilities Implemented, including all multimedia studios

(2) Twenty four percent (24%) of the Net Contract Price





assigned to the Infrastructure item on the completion of delivery and the five RIC installation; and all general classroom and multimedia room facilities implemented for all RIC.

(3) Ten percent (10%) of the Net Contract Price assigned to the Infrastructure item on the operational acceptance test of all the infrastructure installed.; and all RICs facilities Implemented, including all multimedia studios

ii) Lab Schools:

- (1) Thirty percent (30%) of the Net Contract Price assigned to the Lab School item on the commencement of the lab schools delivery; and starting infrastructure delivery for lab schools.
- (2) Forty percent (40%) of the Net Contract Price assigned to the Lab School item on completion of lab schools delivery; and 10 Lab Schools implemented.
- (3) Fifteen percent (15%) of the Net Contract Price assigned to the Lab School item on the Completion of lab schools installation; and 15 Lab Schools implemented.
- (4) Fifteen percent (15%) of the Net Contract Price assigned to the Lab School item on the operational acceptance test and 50 Lab Schools implemented.
- b) e-Portal development other than e-Portal Hardware

(For development & deployment (migration), Acceptance Test, Web Log Analysis, Final Test & Eval, and Training)

ii) Lab Schools:

- (1) Thirty percent (30%) of the Net Contract Price assigned to the Lab School item on the commencement of the lab schools delivery; and starting infrastructure delivery for lab schools.
- (2) Forty percent (40%) of the Net Contract Price assigned to the Lab School item on completion of lab schools delivery; and 10 Lab Schools implemented.
- (3) Fifteen percent (15%) of the Net Contract Price assigned to the Lab School item on the Completion of lab schools installation; and 15 Lab Schools implemented.
- (4) Fifteen percent (15%) of the Net Contract Price assigned to the Lab School item on the operational acceptance test and 50 Lab Schools implemented.
 - b) e-Portal development other than e-Portal Hardware

(For development & deployment (migration), Acceptance Test, Web Log Analysis, Final Test & Eval, and Training)





- (1) Twenty percent (20%) of the Net Contract Price assigned to the e-Portal development item shall be paid on the completion of the submission of the Analysis report, commencement of the Development & Implementation; and e-portal benchmarking Complete Report Analysis and Design report.
- (2) Fifteen percent (15%) of the Net Contract Price assigned to the e-Portal development item, on the completion of the Development & Implementation stage; and e-portal Implementation finished.
- (3) Forty percent (40%) of the Net Contract Price assigned to the e-Portal development item, on the completion of the Acceptance Test and Web Log Analysis; and Web Analytics system Implementation.
- (4) Twenty five percent (25%) of the Net Contract Price assigned to the e-Portal development item, on the completion of the Final Test & Evaluation, Training, Web log analysis system implementation Complete Report
 - c) Content development:
- i) For Content development manual & standardization:
- (1) Fifty percent (50%) of the Net Contract Price assigned to the Content Development item on the completion of the submission of: Content development and management

- (1) Twenty percent (20%) of the Net Contract Price assigned to the e-Portal development item shall be paid on the completion of the submission of the Analysis report, commencement of the Development & Implementation; and e-portal benchmarking Complete Report Analysis and Design report.
- (2) Fifteen percent (15%) of the Net Contract Price assigned to the e-Portal development item, on the completion of the Development & Implementation stage; and e-portal Implementation finished.
- (3) Forty percent (40%) of the Net Contract Price assigned to the e-Portal development item, on the completion of the Acceptance Test and Web Log Analysis; and Web Analytics system Implementation.
- (4) Twenty five percent (25%) of the Net Contract Price assigned to the e-Portal development item, on the completion of the Final Test & Evaluation, Training, Web log analysis system implementation Complete Report
 - c) Content development:
- i) For Content development manual & standardization:
- (1) Twenty eight percent (28%) of the Net Contract Price assigned to the Content Development as an advanced payment. Within this advanced payment, on the Local





manual for professionals; Content development and management manual for teachers; Content quality evaluation manual for the quality control teams; Process management manual for RIC coordinators finished and delivered.)

(2) Ten percent (10%) of the Net Contract Price assigned to the Content Development item on the completion of the submission of: Content development and management standardization guidelines; Metadata guidelines; Metadata input template delivered.

- ii) For Content development:
- (3) Twenty Five percent (25%) of the Net Contract Price assigned to the Content Development item on the completion

currency portion it is assigned for each RIC at the beginning of the activities as follows:

Operators	1st Payment (Advanced Payment)
Center	381.005
South	303.988
East	303.988
West	303.988
North	303.988
TOTAL	1,596,957

- (2) Twenty two percent (22%) of the Net Contract Price assigned to the Content Development item on the completion of the submission of: Content development and management manual for professionals; Content development and management manual for teachers; Content quality evaluation manual for the quality control teams; Process management manual for RIC coordinators finished and delivered.)
- (3) Ten percent (10%) of the Net Contract Price assigned to the Content Development item on the completion of the submission of: Content development and management standardization guidelines; Metadata guidelines; Metadata input template delivered.
- ii) For Content development:
- (4) Twenty Five percent (25%) of the Net Contract Price assigned to the Content Development item on the completion of the submission of: Curricula analysis system





- of the submission of: Curricula analysis system and database, and Pilot Project (2 a 3 Units of learning per subject Language, Math and Natural Sciences).
- (4) Ten Percent (10%) of the Net Contract Price assigned to the Content Development item on the completion of the submission of: 3,000 Digital resources developed and evaluated.
- (5) Five percent (5%) of the Net Contract Price assigned to the Content Development item on the completion of the submission of: 33 courseware developed and published
 - d) Teacher Training:
- i) For Teacher training manual:
- (1) Forty percent (40%) of the Net Contract Price assigned to the Teacher training item on the completion of the submission of the teacher training data and manual; and Document with conceptual and methodology design of the program.
 - Training material for Master Teacher (DVD with multimedia design + Binding book).
 - Training material for Leader Teacher (DVD with multimedia design).
 - Virtual training course content (for instance, Moodle or other LMS) Pre-course (30 hours), Post-course (20 hours),

- and database, and Pilot Project (2 a 3 Units of learning per subject Language, Math and Natural Sciences)
- (5) Ten Percent (10%) of the Net Contract Price assigned to the Content Development item on the completion of the submission of: 3,000 Digital resources developed and evaluated.
- (6) Five percent (5%) of the Net Contract Price assigned to the Content Development item on the completion of the submission of: 33 courseware developed and published
 - d) Teacher Training:
- i) For Teacher training manual:
- (1) Twenty two percent (22%) of the Net Contract Price assigned to the Teacher training item as an advanced payment. Within this advanced payment, on the Local currency portion it is assigned for each RIC at the beginning of the activities are as follows:

Operators	1st Payment (Advanced Payment)
Center	239.602
South	191.168
East	191.168
West	191.168
North	191.168
TOTAL	1,004,274



PROSPERIDAD PARA TODOS

• Document with the contents and methodology of classroom workshop (40hours).

the Teacher training item on the completion of the submission of the teacher training data and manual; and Document with conceptual and methodology design of the program.

(2) Eighteen percent (18%) of the Net Contract Price assigned to

- Training material for Master Teacher (DVD with multimedia design + Binding book).
- Training material for Leader Teacher (DVD with multimedia design).
- Virtual training course content (for instance, Moodle or other LMS) Pre-course (30 hours), Post-course (20 hours),
- Document with the contents and methodology of classroom workshop (40hours).

- ii) For Teacher training & ISST:
- (2) Ten percent (10%) of the Net Contract Price assigned to the Teacher training item on the acceptance of the manual and the completion of master teacher training; Research report on development of ISST (including the evaluation strategy of teacher training component). 88 Master Teachers trained-

- ii) For Teacher training & ISST:
- (3) Ten percent (10%) of the Net Contract Price assigned to the Teacher training item on the acceptance of the manual and the completion of master teacher training; Research report on development of ISST (including the evaluation strategy of





Report of the training, and of the revision of the training materials;

- (3) Twenty two percent (22%) of the Net Contract Price assigned to the Teacher training item on the commencement of leader teacher training and evaluation one; and Evaluation items (criteria, indicators, questions). On-line evaluation sheet;
- (4) Fifteen percent (15%) of the Net Contract Price assigned to the Teacher training item on the leader teacher training evaluation 2; and 5,000 Leader teachers trained- Report of leader teachers trained:
- (5) Thirteen percent (13%) of the Net Contract Price assigned to the Teacher training item on the completion of teacher training. 16,000 Leader Teachers training- Final report of leader teacher trained.
 - e) Project Management except the Site Visit:

One hundred percent (100%) of the Net Contract Price for the services performed shall be paid quarterly in arrears, on submission and Purchaser's approval of invoices.[c1]

1) 24.26%; 2) 24.26%; 3) 20%; 4) 15%; 5) 16.48%

f) Others:

For other portions that are not listed above, one hundred (100%) of the Net Contract Price for this item shall be paid upon consultation teacher training component). 88 Master Teachers trained-Report of the training, and of the revision of the training materials;

- (4) Twenty two percent (22%) of the Net Contract Price assigned to the Teacher training item on the commencement of leader teacher training and evaluation one; and Evaluation items (criteria, indicators, questions). On-line evaluation sheet;
- (5) Fifteen percent (15%) of the Net Contract Price assigned to the Teacher training item on the leader teacher training evaluation 2; and 5,000 Leader teachers trained- Report of leader teachers trained;
- (6) Thirteen percent (13%) of the Net Contract Price assigned to the Teacher training item on the completion of teacher training. 16,000 Leader Teachers training- Final report of leader teacher trained.
 - e) Project Management except the Site Visit:

One hundred percent (100%) of the Net Contract Price for the services performed shall be paid quarterly in arrears, on submission and Purchaser's approval of invoices.[c1]

1) 24.26%; 2) 24.26%; 3) 20%; 4) 15%; 5) 16.48%

f) Others:

For other portions that are not listed above, one hundred (100%) of





with the Purchaser.

(i) Consultation prior to a payment request:

The amount of the all Payment shall be consulted with the Purchaser prior to each payment request.

The invoices shall detail the values of goods and services charged in a way, so that the values to be paid with loan resources or local budget can be easily established.

All taxes, duties and levies shall be separately specified in the invoices.

All the documents deliverables by the Supplier shall come in English with the official translation in Spanish.

The items above described shall be paid to the Supplier in seven (7) payments, as follows:

Payment Vs Items			
PAYMENTS	Component	CONDITION TO PAY	
		Detailed Bill and securi	
1	Infrastructure(1) 66%	ties	
	Teacher Training (1) 40		
	%	Fulfilled Goals defined	
	Content Dev. (1) 50%	by MOE and the Suppl	
	E- portal (1) 20%	ier shall deliver a repor	
	Project Management (1)	t showing the goals co	
2	24.26%	mplied.	
3	Infrastructure (2) 24%	Fulfilled Goals defined	

the Net Contract Price for this item shall be paid upon consultation with the Purchaser.

(i) Consultation prior to a payment request:

The amount of the all Payment shall be consulted with the Purchaser prior to each payment request.

The invoices shall detail the values of goods and services charged in a way, so that the values to be paid with loan resources or local budget can be easily established.

All taxes, duties and levies shall be separately specified in the invoices.

All the documents deliverables by the Supplier shall come in English with the official translation in <u>Spanish</u>.

The items above described shall be paid to the Supplier in seven (7) payments, as follows:

Payment Vs	Payment Vs Items			
PAYMENTS	Component	CONDITION TO PAY		
	Infrastructure(1) 42%			
	Teacher Training (1) 22			
	%	Detailed Bill and securi		
1	Content Dev (1) 28%	ties		
	Infrastructure(2) 24%	Fulfilled Goals defined		
	Teacher Training (2) 18	by MOE and the Suppl		
	%	ier shall deliver a repor		
	Content Dev. (2) 22%	t showing the goals co		
2	E- portal (1) 20%	mplied.		



PROSPERIDAD PARA TODOS

Teacher Tra	ining (2) 10 by MOE and the Suppl ier shall deliver a repor			Project Management (1) 24.26%		
Content Dev E- Portal (2	v. (2) 10% t showing the goals co			Infrastructure (3) 24% Teacher Training (3) 10		
`	pagement (2)			% Content Dev. (3) 10%	Fulfilled Goals defined by MOE and the Suppl	
Infrastructur Teacher Tra %	e (3) 10% ining (3) 22 Fulfilled Goals defined by MOE and the Suppl		3	E- Portal (2) 15% Project Management (2) 24.26%	ier shall deliver a repor t showing the goals co mplied.	
Content Dev Lab Schools 4 Project Mar	v. (3) 25% ier shall deliver a repor		-	Infrastructure (4) 10% Teacher Training (4) 22 %	Fulfilled Goals defined	
Teacher Tra % Content Dev E- portal (3	` '		4	Content Dev. (4) 25% Lab Schools (1) 30% Project Management (3) 20%	by MOE and the Suppl ier shall deliver a repor t showing the goals co mplied.	
Lab Schools 5 Project Mar	t showing the goals co			Teacher Training (5) 15 %		
E-Portal (4) 6 Lab Schools	Fulfilled Goals defined by MOE and the Suppl ier shall deliver a repor t showing the goals co		5	Content Dev. (5) 10% E- portal (3) 40% Lab Schools (2) 40% Project Management (4) 15%	Fulfilled Goals defined by MOE and the Suppl ier shall deliver a repor t showing the goals co mplied.	
% Content Det Lab Schools Project Mar	ier shall deliver a report t showing the goals co		6	E-Portal (4) 25% Lab Schools (3) 15%	Fulfilled Goals defined by MOE and the Suppl ier shall deliver a repor t showing the goals co mplied.	
7 %	mplied.	J	7	Teacher Training (6) 13 % Content Dev. (6) 5%	Fulfilled Goals defined by MOE and the Suppl ier shall deliver a repor	





PARAGRAPH 1: Payments shall be done against the delivery of: Quality content development (33 courseware); Training of 16,000 Leader teachers and up to 120 Master Teachers but not less than 88 Masters teachers; E-portal development and enhancement; Lab schools provision of equipment and application systems and Project Management.

PARAGRAPH 2: For all the payments, but except for the advanced payment; the Purchaser may authorize partial payments accordingly and proportional to the progress in the execution of goals.

*Note 1: From the local currency portion of the advanced payment, the Supplier shall pay to RICs, once the sites are properly settled for the implementation and once they have the staff available for the operation as follows:.

Operators	1st Payment (Advanced Payment 20%)
Center	252,800
South	189,600
East	189,600
West	189,600
North	189,600
TOTAL	1,011,200

	t showing the goals complied.	
16.48%		

PARAGRAPH 1: Payments shall be done against the delivery of: Quality content development (33 courseware); Training of 16,000 Leader teachers and up to 120 Master Teachers but not less than 88 Masters teachers; E-portal development and enhancement; Lab schools provision of equipment and application systems and Project Management.

PARAGRAPH 2: For all the payments, but except for the advanced payment; the Purchaser may authorize partial payments accordingly and proportional to the progress in the execution of goals.

*Note 1: From the local currency portion of the advanced payment, the Supplier shall pay to RICs, once the sites are properly settled for the implementation and once they have the staff available for the operation as follows:.

Operators	1st Payment (Advanced Payment)
Center	620,607
South	495,156
East	495,156
West	495,156
North	495,156
TOTAL	2,601,231





*Note 2: Within the 4th payment the Supplier shall pay from the Local currency portion to the operators according to the following table, prior compliance of goals:

Operators	2nd Payment 15%	Additional resources 35% (supporting people for RICs)	Total
Center	189,600	108,940	298,540
South	142,200	82,950	225,150
East	142,200	82,950	225,150
West	142,200	82,950	225,150
North	142,200	82,950	225,150
TOTAL	758,400	440,740	1,199,140

*Note 3: Within the 5^{th} payment the Supplier shall pay from the Local currency portion to the operators according to the following, prior compliance of goals:

Operators	3rd (15%)and 4th Payment (15%)	Additional resources 30% (supporting people for RICs)	Total
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*Note 2: Within the 4th payment the Supplier shall pay from the Local currency portion to the operators according to the following table, prior compliance of goals:

Operators	2nd Payment	Additional resources (supporting people for RICs)	Total
Center	120,636	108,940	229,576
South	73,086	82,950	156,036
East	73,086	82,950	156,036
West	73,086	82,950	156,036
North	73,086	82,950	156,036
TOTAL	412,980	440,740	853,720

*Note 3: Within the 5th payment the Supplier shall pay from the Local currency portion to the operators according to the following, prior compliance of goals:





North	284,400	71,100	355,500
West	284,400	71,100	355,500
East	284,400	71,100	355,500
South	284,400	71,100	355,500
Center	379,200	93,378	472,578

*Note 4: within the 6th payment the Supplier shall pay from the Local currency portion to the operators according to the following, prior compliance of goals:

Operators	5th (15%)and 6th Payment (20%)	Additional resources 35% (supporting people for RICs)	Total
Center	442,400	108,940	551,340
South	331,800	82,950	414,750
East	331,800	82,950	414,750
West	331,800	82,950	414,750

Operators	3rd and 4th Payment	Additional resources (supporting people for RICs)	Total
Center	241,272	93,378	334,650
South	175,273	71,100	246,373
East	175,273	71,100	246,373
West	175,273	71,100	246,373
North	175,273	71,100	246,373
TOTAL	942,364	377,778	1,320,142

*Note 4: within the 6th payment the Supplier shall pay from the Local currency portion to the operators according to the following, prior compliance of goals:

Operators	5th and 6th Payment	Additional resources (supporting people for RICs)	Total
Center	281,485	108,940	390,425
South	204,485	82,950	287,435





	North	331,800	82,9	50 41	4,750		East		204,485	82,9	950 28	37,435
	TOTAL	1,769,600	440,7	2,21	0,340		West		204,485	82,9	28	37,435
							North		204,485	82,9	28	37,435
							TOTAL	1	,099,425	440,7	1,5 4	10,165
176	b) For ISST (USD\$10	08,600)				b) For 1	ISST (U	SD\$10	8,600)			
	Class	Unit 1	Unit 2	Unit Price	Total	Class			Unit 1	Unit 2	Unit Price	Total
	ISST experts	3 people	6 months	2,300	41,400		ISST e	xperts	3 people	6 months	2,300	41,400
	Assistant	6 people	6 months	1,600	57,600		Spe	cialist	6 people	6 months	1,600	57,600
	Teachers	3 people	2 months	1,600	9,600		Tea	achers	3 people	2 months	1,600	9,600
	Total				108,600			Total				108,600

	Amendment										
Page	Page Before									After	
SECTIO	SECTION VI. Technical Requirements (ii) Required human resource for the NIC Operation Office installation (iii) Required human resource for the NIC Operation installation						NIC Operation Office				
	Field of staff cxpertise required Durat ion Requirement							Field of expertise	No of staff required	Durati on	Requirement
	Supplier (Colom	System Engineer	1	1 week	· Knowledge and Installation experience		Supplier -	System Engineer	1	1 week	- Knowledge and Installation





	bian experts)				in computer system	Installat ion				experience in computer system
	Installat ion	Network Engineer	1	1 week	Knowledge and Installation experience in network system		Network Engineer Electric	1	1 week	 Knowledge and Installation experience in network system Knowledge and Installation
		Electric Engineer	2	1 week	Knowledge and Installation experience in electric system		Engineer	2	week	experience in electric system
75	(iv) Requi Studio con		resourc	ce for the	each Multimedia	(iv) Requir		resourc	e for the	each Multimedia Studio
	Supplier (Colombia n experts)	I Engineer	4	2 month	- Knowledge and Installation experience in audio system	* Supplier	Engineer	4	2 month	- Knowledge and Installation experience in audio system
	Equipment Installation		6	2 month	- Knowledge and Installation experience in video system	Equipment Installatio n	Video Engineer	6	2 month	- Knowledge and Installation experience in video system
	Supplier (Colombia n experts)	Construction Engineer	12	2 month	- Knowledge and Installation experience in construction	* Supplier	Construc tion Engineer	12	2 month	- Knowledge and Installation experience in construction
	Soundproof f Interior	Special Lighting Engineer	6	1 month	- Knowledge and Installation experience in lighting & electrical system	Soundproo f Interior	Special Lighting Engineer	6	1 month	- Knowledge and Installation experience in lighting & electrical system





					recomme	above for the Mul ndation only. The lia studio with app	Bidder may p	ropose a plan to es	tablish the
84	Media Server with VoD Transcoding • 4 Core Intel Xeon 2.4GHz/10MB L3 Cache * 2EA • 8GB MEM • 300GB HDD * 2EA • 8GB FC HBA * 2EA • Dual Power Supply					1 * 2EA	C	2EA	
105	(d) Evaluation Stakeholde rs	Human Resources	Duration	Requirement	(d) Evaluatio Stakeholde	n Human Resources	Duration	Requirement	
	MOE (Colombian experts)	• 6 Evaluators	1.5 months	3 from MOE 3 from NIC	MOE (Colombian experts)	• 6 Evaluators	1.5 months	 3 from MOE 3 from NIC	
	Supplier (Korean experts)	1 Special Engineer (Project Manager)	1.5 months	 12 years experience Computer science background 	Supplier (Korean experts)	• 1 Special Engineer (Project Manager)	1.5 months	 12 years experience Computer science background 	
					•	*		n experts. Howe opriate evaluation	





)]			

Stakeho lders	Human Resources	Duration	Requirement
	• 1 Manager		 6 years experience
	• 5 Web masters		• 3 years experience
MOE (Colomb	2 Web designers	1.5 month	• 3 years experience
ian experts)	1 Database administrator	1.5 monui	• 3 years experience
	1 Server engineer		• 3 years experience
	1 Network engineer		• 3 years experience
Supplier	1 Professional programmer	1.5 month	6 years experience
(Korean experts)	1 Programmer	1.5 monui	• 3 years experience

^{*} It is desired that all the trainers are to have prior experience in open source architecture e-Portal development and training.

(e) Training			
Stakeholder	Human Resources	Duration	Requirement
S			
	• 1 Manager		6 years experience
	• 5 Web masters		• 3 years experience
MOE (Colombian	• 2 Web designers	1.5 month	3 years experience
(Colombian experts)	• 1 Database administrator	1.3 monui	• 3 years experience
	1 Server engineer		3 years experience
	1 Network engineer		3 years experience
Supplier (Korean experts)	• 1 Professional programmer	1.5 month	6 years experience
	1 Programmer	1.5 111011111	• 3 years experience

^{*} It is desired that all the trainers are to have prior experience in open source architecture e-Portal development and training.

^{*} No salary is specified for the Colombian experts. However, the Supplier shall be responsible for the appropriate training setting.





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J	.4	J

(d) ISST and Evaluation Items

Stakeh olders
MOE

(d) ISST and Evaluation Items

Stakeh olders	Role & Responsibility
МОЕ	 Oversee and assist the selection process of Colombian experts by the Supplier and RIC Provide a list of qualified human resources of minimum 9 potential experts for the Supplier to select 3 Colombian experts and 6 specialists for ISST Research Team according with the requirements of 5.9. In case MOE does not deliver the minimum number of potential experts on the list, the supplier will have the freedom to propose its own eligible experts according to MOE guidelines, until completing the number of people required. Support collaboration between 2 Research Teams Review and approve the teacher training evaluation strategy Oversee the all components Communicate with ISST research team