

**Romania
Electricity Market Project
P081406**

ENVIRONMENT MANAGEMENT PLAN

FOR UPGRADING TO 400 KV THE GUTINAS-SUCEAVA TRANSMISSION LINES

Final Report

June 30, 2006

Bucharest

Romania

**ENVIRONMENT MANAGEMENT PLAN
FOR UPGRADING TO 400 KV THE GUTINAS-SUCEAVA TRANSMISSION LINES**

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Environment Management Plan for Upgrading to 400 KV the Gutinas-Suceava Transmission Lines

PROJECT: SWITCHING THE 220 kV OHLs (GUTINAS-BACAU SOUTH, BACAU SOUTH - ROMAN NORTH AND ROMAN NORTH-SUCEAVA) TO 400 kV OHL WITHIN THE NATIONAL POWER GRID

I. BACKGROUND PROJECT INFORMATION

Transelectrica has requested to use Loan savings from the Romania Electricity Market Project –Loan No. 7181-RO in order to upgrade to 400 kV the Gutinas - Bacau - Roman Nord – Suceava lines. Electricity Market Project implementation is progressing smoothly, and is expected to be completed before the original loan closing date.

Due to the highly competitive procurement process Transelectrica made considerable savings amounting to 19.4 million EUR from Loan proceeds and asked to use it for financing additional two sets of additional activities:

- (i) upgrading to 400 kV of the Gutinas - Bacau - Roman Nord – Suceava transmission lines by Transelectrica, and
- (ii) technical assistance and software to OPCOM for the development of a regional power market exchange.

Upgrading to 400 kV of the Gutinas - Bacau - Roman Nord – Suceava lines is the first phase of a major three-phase transmission program that has been identified for Bank support under the ECSEE APL facility approved in January 2005 to support the development of the Energy Community of South East Europe (ECSEE). The Gutinas - Bacau –Roman Nord - Suceava is the only supply route to connect the central and north part of Moldova region.

Under Part A of the current Description of the Project, the complete (all voltages) rehabilitation of two substations (Fundeni, and Iernut) are financed from Loan proceeds. The proposed new activities would modernize (upgrade to 400kV) three smaller substations (Bacau South, Roman North, and Suceava), to upgrade the Gutinas - Bacau - Roman Nord – Suceava transmission lines from 220kV to 400kV. The grid/wires have already the capacity of 400 kV power transmissions. Upgrade of the Gutinas substation is under implementation, being financed by the Nordic Investment Bank.

The proposed additional new activities would lead to increased transmission capacity, improved reliability of power transmission capacity as well as reduction of transmission losses. The map of the Romanian national grid is attached.

II. PROJECT LOCATION

The power transmission line Gutinas- Suceava is located in the east part of Romania, and supply with electricity the eastern region of Romania. called Moldova. Moldova region is located between the Carpathian Mountains and Prut river. The line starts at the north of

Onesti town with the Gutinas substation, pass Bacau and Roman cities, and ends in Suceava city

The Gutinas substation is currently under rehabilitation. . The Nordic Investment Bank has provided a loan to Transelectica to finance this project which will upgrade the Gutinas substation to 400kV from 220kv. The proposed project to be finance from the Bank's loan proceeds/savings will finance the rehabilitation/ upgrading of the rest three substations located on this power transmission line, respectively: Bacau South, Roman North, and Suceava, and switching the overhead lines (OHL) to 400kV from 220 kV.

A *The (220/110 kV Bacau South transformer substation* is located near Bacau city, in Letea Veche village. The area of the 400 (220) kV substation is about 14,000 sq.m.

The vehicle access into Bacau South substation is done from Bucharest – Roman road alternative. Inside the yard the existing internal roads will be used for transport of equipment and structural elements.

The performance of conversion to 400 kV voltage works does not demand the complete or temporary procurement of some additional land areas, besides the enclosed perimeter of the outdoor substation.

B *The 220/110 kV Roman North transformer substation* is located at the outskirts of Roman town, in no. 1 Plopilor street.

The area of the 400 (220) kV substation is about 27,000 sq.m.

The vehicle access into Roman North substation is done from DN2 national road. Inside the yard the existing internal roads will be used for transport of equipment and structural elements.

The performance of conversion to 400 kV voltage works does not demand the complete or temporary procurement of some additional land areas, besides the enclosed perimeter of the outdoor substation.

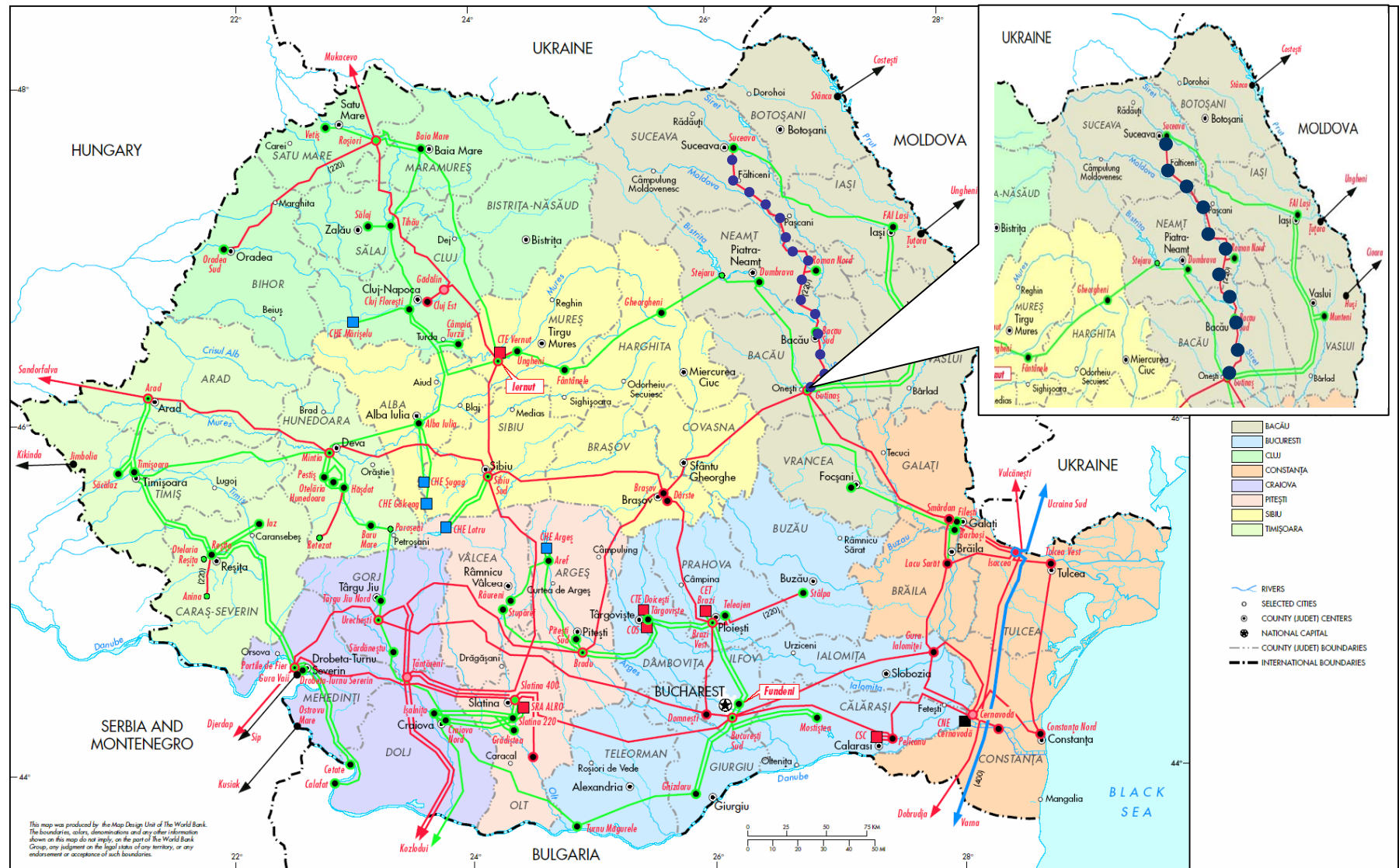
C *The 220/110 kV Suceava transformer substation* is located at the outskirts of Suceava city, in no. 4 Falticeni street.

The area of the 400 (220) kV substation is about 22,000 sq.m.

The vehicle access into Suceava substation is done from DN2 national road. Inside the yard the existing internal roads will be used for transport of equipment and structural elements.

The performance of conversion to 400 kV voltage works does not demand the complete or temporary procurement of some additional land areas, besides the enclosed perimeter of the outdoor substation.

D *OHL routes can be seen in the following map. No changes to the existing OHL routes will be made.*



III. DETAILED PROJECT DESCRIPTION

The project has two components –substations' upgrading and OHL upgrading. .

A *Upgrading to 400 kV and modernizing the transforming substations (Bacau South, Roman North and Suceava)*

- Replacing the autotransformers of 220/110 kV-200 MVA with the transformers of 400/110 kV-250 MVA;
- Replacing the existing equipment manufactured for 220 kV voltage;
- Replacing the technically obsolete equipment;
- Constructing the 400 kV substation of Suceava;
- Replacing the existing classical control and protection equipment with integrated and digital one having a hierarchical, decentralized, distributed and open architecture. The system will consist of the control and the protection sub-systems.
- Civil engineering developments due to equipment replacements.

B *Switching the OHLs (Gutinas-Bacau South, Bacau South -Roman North and Roman North-Suceava) to 400 kV*

- Adjusting the clearance distances between the OHL and other crossed over lines as per the norms in force for 400 kV voltage;
- Stretching to arrow the live conductors of the lines to ensure the appropriate sizes as per the requirements in the norms in force;
- Changing the glass insulators with composite ones at the crossings over rivers, national roads, electric rail roads and 110 kV OHL;
- Construction of an access roads to the terminals crossing over the Siret river;
- Dismantling the shunting connections of the 400 kV insulation strings, used for the operation at 220 kV (at the inlets of the transforming substations);
- Connecting the 220 kV OHL FAI-Suceava to the new bay in the substation of Suceava (block bay auto-transformer-FAI OHL).

Note: No new OHLs are to be constructed and no changes in the routes of the existing OHLs are to be made; only adjustment works are necessary.

IV. MITIGATION PLAN

Environment target	Reduction actions	Costs (euro) without VAT	Responsibility
1. Construction			
Visual impact	<ul style="list-style-type: none"> - Use of existing site - Use of some constructive solutions at semi height –H=max. 25 m, which matches the existing landscape. 	-	Project manager
Air quality	<ul style="list-style-type: none"> - Dust release fighting, during the land uncovering and demolition works, by using anatomized water sprinkling system and hydro-cleaning, hydro-demolishing technologies - Providing highly efficient equipment (SF6 leaks < 1%) <p>This requirement is specified in the tender documents for equipment purchase</p>	3,375* -	Contractor Project manager
Noise impact	<ul style="list-style-type: none"> - The contract concluded with the Contractor shall stipulated that most works shall be performed by day-time, avoiding to exceed the noise rated limits (max. 50 dB by day and 40 dB by night) at the yard fence, according to the Ministry of Health Order no. 536/97. <p>The technology used for work execution and the noiseless equipment as well will comply with the noise norms.</p>	-	Contractor
Wastes from construction and demolish activities(metal, ceramics, glass, wood, waste oil, concrete etc)	<ul style="list-style-type: none"> - Wastes shall be sorted and temporarily disposed at site (waste oil shall be collected in metallic tanks which will be located on concrete foundations and the solid wastes shall be disposed in specially dedicated locations), afterward they are to be removed and capitalized or are to be finally disposed by trade companies licensed by the environmental authority. - The recovered waste (metallic ones, waste oil etc.) shall be handed over based on contracts for being capitalized by trade companies licensed by the environmental 	*** 334,965* -	Contractor Contractor Contractor

Environment target	Reduction actions	Costs (euro) without VAT	Responsibility
	<p>authority.</p> <p>- Inert wastes that cannot be recyclable (concrete, ceramics etc.) shall be transported by licensed companies to certified store yards.</p>		
PCB contaminated soil	- If soil tests indicate PCB contamination over the permissible limits (lower than 0.01 mg/kg as per the Order no. 756/97 of Ministry of Environment and Waters) the polluted soil will be removed and treated by a company certified by the environmental authority.	-	Contractor
Hazardous substances	<p>- Oil polluted earth lots cleaning off and scraping and oil decontamination by licensed methods: as per the Law 426/2001, Annex II A, Items 5, 8, 9.</p> <p>- Collecting of residual oil in sealed, metallic containers and its transport by the contractor for being capitalized based on contracts concluded with trade companies licensed by the County Environmental Protection Agencies</p> <p>- Use of asbestos free building material will be specified in the bid documents.</p>	<p>3,000**</p> <p>-</p> <p>-</p>	<p>Contractor</p> <p>Contractor</p> <p>Project manager</p>
Soil, sub-soil and groundwater quality	<p>- Reparation works and water proofing of the retaining vats for accidental oil leaks from transformer units.</p> <p>- Inspection well drilling in the transformer zone for groundwater sampling</p> <p>- Ecological reconstruction by hollows filling, land leveling and grass covering to avoid soil damage (erosion and stabilization)</p>	<p>7,570*</p> <p>***</p> <p>6,615*</p>	<p>Contractor</p> <p>Contractor</p> <p>Contractor</p>
Waste waters quality (rain, residual and oil-polluted waters)	<p>- Water/oil separators providing for accidental oil leaks mixed with rain waters, from transformer units</p> <p>- Performing new waste waters collecting and draining systems, to assure the compliance</p>	<p>***</p> <p>22,117*</p>	<p>Project manager</p> <p>Project manager</p>

Environment target	Reduction actions	Costs (euro) without VAT	Responsibility
	<p>with the quality parameters, provided in the norms NTPA - 01/2002 and GD 188/2002. Waste waters are first passed through water/oil separators of transformer units and of platform for temporary storage of demounted equipment, in order to retain oil</p> <p>- Physical and chemical analysis and disposal of oil-contaminated waters from the existing tanks of the transforming units to a licensed agent</p>	-	Contractor
2. Operation			
Air quality	- Complying with SF6 leaks < 1% norms This requirement is specified in the tender documents for equipment purchase	116,275*	Contractor (for warranty period) Substations managers
Noise impact	- Use of equipment and material (string insulators = insulators for supporting the conductors) of low noise level (max. 40 dB) at the substation fence This requirement is specified in the tender documents for equipment purchase	256,942*	Contractor (for warranty period) Substations managers
Electro-magnetic field	- Assurance, at 1.8m height, by design of the purchased equipment, of compliance with the norm values of the electromagnetic field characteristics (10 kV/m - electric field and 0.5 mT-magnetic field per work shift in the yard according to Health Protection General Norm/96)	140,667*	Substations managers
Hazardous substances	<p>- Elimination based on contracts of accidental pollution by licensed agents, who will scrape the oil contaminated earth lots and who will apply licensed decontamination methods, as per the Law 426/2001 Annex II A, Items 5, 8, 9, disposal at locations authorized by the environmental protection agencies</p> <p>- Collecting of residual oil in sealed, metallic containers and its transport by licensed agents based on contracts.</p>	<p>3,000**</p> <p>-</p>	<p>Substations managers</p> <p>Substations managers</p>

Environment target	Reduction actions	Costs (euro) without VAT	Responsibility
PCB	- Use of equipment with PCB-free oil This requirement is specified in the tender documents for equipment purchase	1,000*	Contractor
Bird-fighting protection	- Use of equipment that chases birds away from the high voltage facilities of the substation, such as stroboscopic/ultrasonic devices. The Technical Specifications shall include the technical and operational parameters, constructive requirements, quality requirements, warrantee and post-warrantee terms, testing conditions and the technical documentation attached to the tender.	7,500*	Project Manager

Remarks:

*) Amounts contained in the General Estimates, in cha. 1.2., 1.3. and 4.1. ÷ 4.3.

**) Amounts included in the General Estimates at contingencies cost

***) Amounts to be included in the estimates of other works pertaining to the investment program of Transelectrica S.A.

V. MONITORING PLAN

Phase	Parameter to be monitored	Place of parameter monitoring	Parameter monitoring modality/ monitoring modality	Parameter monitoring period/ measuring frequency	Parameter monitoring purpose	Costs (without VAT) euro	Responsibilities
1. Construction	Powder (dust) release	On the substation territory	Visual	Throughout dry and / or windy period	For population and flora protection	-	Contractor Substations managers
	Noise	On the substation territory	Noise level measuring	During construction period, when using noise generating equipment	Population protection	200**	Contractor, with a certified-company Substations managers
	Demolition and construction-resulted wastes (metallic, ceramics, glass, wood, residual oil, concrete, etc) The wastes are asbestos free.	On the substation territory	-Visual - Situation of wastes administration acc. to GD 856/2002 – ANNEX 1 Chap.:1, 2 , 3, 4	-Daily - Monthly by filling in at the time when the waste occurs	Soil and subsoil protection	-	Contractor Substations managers
	Soils contaminated with PCBs	On the substation territory	Gas chromatograph	Before any civil works construction or before any equipment installation	Soil and subsoil protection	-	Contractor
	Oil-polluted soil	On the substation	-Visual - Record of	-Daily - Monthly by	Soil and subsoil	300**	Contractor

Phase	Parameter to be monitored	Place of parameter monitoring	Parameter monitoring modality/ monitoring modality	Parameter monitoring period/ measuring frequency	Parameter monitoring purpose	Costs (without VAT) euro	Responsibilities
		territory	waste management as per the GD 856/2002 - ANNEX 1 Chap.: 1, 2, 4	filling in at the time when the waste occurs	protection		
	Hazardous substances	On the substation territory	- Visual - Situation of wastes administration acc. to GD 856/2002 - ANNEX 1 Cap.:1, 2, 4	-Daily - Monthly by filling in at the time when the waste occurs	Air, water, soil, subsoil protection	-	Contractor
	Soil, subsoil, and under groundwater	On the substation territory	-Visual – constructions meant for soil and subsoil protection	-Daily	Soil and subsoil, ground-water protection	-	Project manager
	Physical and chemical parameters for waste waters from oil/waters separators (PH, suspensions, petroleum products)	In laboratories certified by the environmental authority. Taking samples from the spot indicated in	- By analyses (6,5-8,5 pH units); suspensions max. 35 mg/dm³ Petroleum products max. 0.5 mg/dm³ – SR- 7277/1- 95	Commissioning and acceptance tests	NTPA 001/2002	-	Contractor together with a certified company in warranty period

Phase	Parameter to be monitored	Place of parameter monitoring	Parameter monitoring modality/ monitoring modality	Parameter monitoring period/ measuring frequency	Parameter monitoring purpose	Costs (without VAT) euro	Responsibilities
		the separator indications	<p>- The tests shall be performed as per the standard methods.</p> <p>- Based on the tests results, controls are to be set or the oil separators components will be replaced</p> <p>Methods: gravimetric, in infrared, gas chromatography</p>				

Phase	Parameter to be monitored	Place of parameter monitoring	Parameter monitoring modality/ monitoring modality	Parameter monitoring period/ measuring frequency	Parameter monitoring purpose	Costs (without VAT) euro	Responsibilities
2. Operation - warranty period	Physical and chemical parameters for waste waters from oil/waters separators (PH, suspensions, petroleum products)	In laboratories certified by environmental authority Taking samples from the spot indicated in the separator indications.	By analyses (6,5-8,5 pH units); suspensions max. 35 mg/dm³) Petroleum products max. 0.5 mg/dm³ – SR- 7277/1- 95 Methods: gravimetric, in infrared, gas chromatography	-Twice a year in warranty period and later, at entitled bodies request, and acc. to operating instructions of oil/waters separators	NTPA 001/2002	-	Substations managers
	Air quality	SF6-insulated equipment	Situation of SF6 filings (by periodic checking of gas pressure)	Permanently	Air and people protection	-	Substations managers
	Noise	In the yard and out side	Sonometer	At the end of the warranty period	OMS nr. 536/1997	-	Substations managers

Phase	Parameter to be monitored	Place of parameter monitoring	Parameter monitoring modality/ monitoring modality	Parameter monitoring period/ measuring frequency	Parameter monitoring purpose	Costs (without VAT) euro	Responsibilities
	Electromagnetic field	In the yard and outside	Portable measuring system *** Type:HI-3604 - Power Frequency-Field-Strength Measurement	- At commissioning, in the warrantee period – During operation on request of the authorized organizations	Minister of Health orders no. 536/1997 and no. 1007/2002	-	Substations managers and a licensed agent
	Soil and subsoil-existence of petroleum products (oil)	The retaining vat	Visual	Permanently	Soil and subsoil fighting pollution	-	Substations managers
	Underground water quality (pH, suspensions, petroleum products)	Well inspection in the transformers zone	By analyses on petroleum products max. 0.5 mg/dm ³ – SR- 7277/1-95 performed in the licensed laboratories	Yearly	NTPA 01/2002 and GD 188/2002	-	Substations managers together with a company certified for analyses performance
	Bird-fighting protection	On the substation territory	Visual	Permanently	-	-	Substations managers

Remarks:

*) Amounts included in the General Estimates, cha. 1.3

**) Amounts to be included in the General Estimates, at contingencies costs

***) Detailed characteristics will be included in the equipment purchase documentation

VI. STATUS OF COMPLIANCE WITH ENVIRONMENTAL SAFEGUARDS

The approvals from the Local Environmental Protection Agencies (LEA) have been obtained. LEA decided that it was not necessary to evaluate the impact upon the environment and, in compliance with the provisions of Order no. 863/2002, issued by the Ministry of Waters, Forests and Environment (MWFE), LEA have applied a **simplified approval procedure**. As per Art. 18 of the MWFE Order no.860/2002 (evaluation procedure of the environmental impact, for issuing the approval), the Environmental Protection Agencies have issued **favorable environmental Approvals of B type without environmental agreement (which is not required)**.

Following LEA requirements, there were notifications published in the local newspapers in the areas where the works were executed and during a 10 day period the interested public could provide comments. No comments have been received. The notifications included information on the investment project, on the location and times from where and when detailed information may be obtained, on the location and the deadline for comments.

LEA representatives have checked the locations; and records have been made. The Environmental Agencies' Technical Analysis Teams have been notified and, based on specific documentation, have issued favorable environmental Approvals of B type **without environmental agreement (which is not required)**. At the same time, favorable approvals have been obtained from the local administration authorities along the OHLs routes.

VII. MITIGATION OF ENVIRONMENT IMPACTS

Sections IV and V above detail the environment targets, mitigation measures, monitoring and responsibilities, as well as costs of environmental impact mitigating actions. The measures consist of: visual impact; air quality; noise impact; wastes from construction and demolish activities (metal, ceramics, glass, wood, waste oil, concrete etc); PCB contaminated soil; hazardous substances; soil, sub-soil and groundwater quality; waste waters quality (rain, residual and oil-polluted waters) – during construction phase; and air quality; noise impact; electro-magnetic field; hazardous substances, PCB and bird-fighting protection – during operation.

VIII. OTHER SAFEGUARDS AND MITIGATION MEASURES

A Land acquisition. Project implementation does not require land acquisition. To extend Suceava substation a land surface of 6,850 sq.m. is needed. This land is state owned and managed by the State Domain Agency.

The land is to be transferred to Transelectrica, free of charge, based on a Government Decision. This procedure is on-going.

B Cultural property. There is no impact upon cultural objectives. The activities are developed in the existing locations: routes of the existing OHLs, except the substation of Suceava which is to be extended by the area mentioned above, without affecting objectives of any kind.

C Incomes of third parties. No access to incomes is affected. The activities along the OHLs routes will be carried out in those periods of the year with low impact upon the crops. Approvals have been obtained from the landowners in the locations where the investment work is carried out. In case some crops are affected, compensations will be granted to the landowners. Estimation shows small amount necessary for this purpose.

IX. RECORD OF PUBLIC CONSULTATIONS

A. Announcement of Public Consultation

Announcements in the "Desteptarea" gazette published on January 3, 2006 and January 30, 2006:

Environmental Protection

The National Company of Electric Power Transportation – Transelectrica SA – the Bacau Transportation Subsidiary, titular of the project "Passing to the 400 kV tension voltage for the Gutinas axis – Bacau Sud-Roman Nord Suceava – within the National System of Transportation of Electric Power/Modernization of the Bacau Sud Station announces the interested public on the decision of the phase of including the project in the simplified procedure of advice. The information on the potential impact of the project may be consulted at APM Bacau, between Monday and Friday, between 8am-4pm. The public's observations shall be transmitted to the APM Bacau, no.23, Oituz Street, in 10 days after the present notice issuance. (6509680D).

Environmental Protection

The National Company of Electric Power Transportation – Transelectrica SA – the Bacau Transportation Subsidiary, titular of the project "Passing to the 400 kV tension voltage for the Gutinas axis – Bacau Sud-Roman Nord - Suceava – within the National System of Transportation of Electric Power/Modernization of the Bacau Sud Station announces the interested public on the decision of the phase of including the project in the simple procedure of advice. The information on the potential impact of the project may be consulted at APM Bacau, between Monday and Friday, between 8am-4pm. The public's observations shall be transmitted to the APM Bacau, no.23, Oituz Street, in 10 days after the present notice issuance. (6509794L).

B. Minutes of the Public Consultation

**BERESTI BISTRITA TOWNHALL
COUNTY BACAU
NO. 93 OF 16.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**SAUCESTI TOWNHALL
COUNTY BACAU
NO. 217 OF 16.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**LETEA VECHE TOWNHALL
COUNTY BACAU
NO. 138 OF 16.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**TAMASI TOWNHALL
COUNTY BACAU
NO. 187 OF 17.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**RACACIUNI TOWNHALL
COUNTY BACAU
NO. 235 OF 17.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**PARAVA TOWNHALL
COUNTY BACAU
NO. 101 OF 17.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**STEFAN CEL MARE TOWNHALL
COUNTY BACAU
NO. 177 OF 18.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**FARAOANI TOWNHALL
COUNTY BACAU
NO. 161 OF 17.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**GURA VAI TOWNHALL
COUNTY BACAU
NO. 164 OF 18.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**MOTCA TOWNHALL
COUNTY IASI
NO. 316 OF 24.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.23/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**CRISTESTI TOWNHALL
COUNTY IASI
NO. 263 OF 24.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.23/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

MAYOR,

(signature)

(stamp)

**SECUIENI TOWNHALL
COUNTY NEAMT
NO. 63 OF 26.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The works to assist the existent aerial electricity line to 400kV, re-extending to dip the conducting wires and the replacement of the insulation shall not have any consequence on the local water – sewage network.

MAYOR,

(signature)

(stamp)

**TRIFESTI TOWNHALL
COUNTY NEAMT
NO. 292 OF 28.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The temporary taking of the plots of land needed to accomplish the investment shall be carried out subsequently to the negotiation of the damages with the beneficiary of the investment.

The mentioned works shall not have any consequence on the public property of 5030 square meters, provided in C.U. No. 212/ 20.10.2005, issued by Neamt City Council.

MAYOR,

(signature)

(stamp)

**HORIA TOWNHALL
COUNTY NEAMT
NO. 452 OF 25.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The works to assist the existent aerial electricity line to 400kV, re-extending to dip the conducting wires and the replacement of the insulation shall not have any consequence on the local water – sewage network.

MAYOR,

(signature)

(stamp)

**CORDUN TOWNHALL
COUNTY NEAMT
NO. 419 OF 25.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The works to assist the existent aerial electricity line to 400kV, re-extending to dip the conducting wires and the replacement of the insulation shall not have any consequence on the local water – sewage network.

MAYOR,

(signature)

(stamp)

**SABAOANI TOWNHALL
COUNTY NEAMT
NO. 269 OF 25.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The works to assist the existent aerial electricity line to 400kV, re-extending to dip the conducting wires and the replacement of the insulation shall not have any consequence on the local water – sewage network.

MAYOR,

(signature)

(stamp)

**BOTESTI TOWNHALL
COUNTY NEAMT
NO. 401 OF 24.01.2006**

To:

**SC ISPE SA Bucharest
1-3 Lacu Tei Blvd., Sector 2**

Further to analyzing your documentation no. 330.17/ 2006, we would like to inform you on our agreement with regards to the accomplishment of the investment "Assisting to 400 KV the voltage of the Gutinas – Bacau Sud – Roman Nord – Suceava axle within the international system for the transport of electricity."

No action however shall be taken to enter the premises, prior to acquiring the legal authorizations.

The works to assist the existent aerial electricity line to 400kV, re-extending to dip the conducting wires and the replacement of the insulation shall not have any consequence on the local water – sewage network.

MAYOR,

(signature)

(stamp)