Modernization of the UE "Cascade Nizhne-Bozsu HPP" The Republic of Uzbekistan, Tashkent region, district Yangiyul. (Name and location of the project)

- 1. The contracting of the project Unitary Enterprise "Cascade Nizhne-Bozsu HPP" within the State joint company "Uzbekenerergo"
- 2. The aim of the project (brief description of the project)
 Modernization of HPP provides for installment of two hydraulic units, using the duct and embedded parts of the existing hydropower unit G-1, as well as a new unit duct and using an existing crater and the draft tube of hydropower unit G-2. with an increase in installed capacity of hydropower plant to 13.2 MW.
- 3. The direction of investment (new construction / modernization and technical re-equipment / other direction)
 Modernization and technical re-equipment of the hydro power plant
- 4. The decision of the Government of the Republic of Uzbekistan (if necessary)
- 5. The presence of government guarantees (if necessary) -
- 6. Development Status / expertise PFS / FS PFS no
- 7. Foreign partner and investor (including a creditor, the general contractor) will be determined in PFS
- 8. Project Location Tashkent region, district Yangiyul.

| No | Name | The unit | Project | Note |
|-----------|---|---|----------|-----------|
| Π/Π | | of measurement | Options | |
| 1. | Project initiation (by whom, date and № of the doc- | | | |
| | ument) | | | 2 |
| 2. | Total project cost, including: | mln.USD | 16,5 | |
| 2.1 | in foreign currency | mln.USD | 8,6 | |
| 2.2 | | mln.USD. | 13382,6 | 1 \$=1694 |
| | in national currency | | | sums |
| 3. | costs in foreign currency, total: | mln.USD. | 8,6 | |
| 3.1 | including the purchase of equipment | mln.USD. | 7,74 | 90 % |
| 3.2 | for construction works | mln.USD. | 0,86 | 10 % |
| 3.3 | Other | mln.sum | | |
| 4. | costs in local currency | mln.sum | 13382,6 | |
| 4.1 | including to purchase equipment | mln.sum | 2676,52 | 20 % |
| 4.2 | for construction works | mln.sum | 10706,08 | 80 % |
| 4.3 | Other | | | |
| 5. | Sources of funding: | mln.sum | _ | |
| 5.1 | budgetary funds | mln.USD | - | |
| 5,2 | foreign investments and loans, total: | mln.USD | - | |
| 5.2.1 | including guaranteed by the government | mln.USD | - | |
| 5.2.2 | Foreign direct investment | | | |
| 5.3. | own funds | mln.USD. | - | |
| 5.3.1 | including guaranteed by the government | mln.sum | | |
| 5.3.2 | in national currency | mln.sum | 13382,6 | |
| 5.4 | commercial bank loans | mln.USD | - | |
| 5.4.1 | in foreign currency | mln.sum | - | |
| 5.4.2 | in national currency | mln.USD | - | |
| 5.5. | Loans Fund for Reconstruction and Development of | mln.sum | 8,6 | |
| | Uzbekistan | Common des en contra con con con contra con | | |
| 6. | Duration of construction, total | months | 37 | |

| 6.1 | date of commencement of work | month, year | October 2012 | |
|-------|---|-------------------------------|---------------------------------|---------------------------------------|
| 6.2 | Date of commissioning | month, year | November 2015 | |
| 7. | Payback period, total | years | 2013 | Will be de- termined in the PFS |
| | Expected result from the realization of the project | | | |
| 8. | annual volume of production, services in kind | mln.kW*h | 2,5 12,0 | Will be speci- fied in the PFS |
| 8.1 | including for export | mln.kW*h | Export is n | ot envisaged |
| 8.2 | the domestic market | mln.kW*h | 2,5 12,0 | Will be speci- fied in the PFS |
| 9. | annual production volume and services in monetary terms | mln.sum | | |
| 9.1 | including for export | mln.USD | no | |
| 9.2 | the domestic market | mln.sum | | |
| 10. | anticipated product markets: | | The power system of Uz-bekistan | |
| 10.1 | internal | % | 100 | |
| 10.2 | external | % | - | |
| 11. | localization level of the project, all | % | | |
| 12. | decrease in imports due to the project | mln.USD | - | |
| 13. | cost reduction: | | | |
| 13.1. | reduction of electricity consumption | thousand kW*h mln.sum | × | |
| 13.2. | reduction in gas consumption | Thousand cubic meters mln.sum | | |
| 13.3. | reduction of liquid petroleum products | Thousand tons mln.sum | | |
| 13.4. | others | <u>Eqv.</u> mln.sum. | | |
| 14. | the number of created jobs | people | | Will be de- termined in the PFS |
| 15. | the number of new products | units | - | |
| 16. | Opinion on the draft assessment of the authorized bodies (the date of the letter and number - if available) | | | |
| | 1.Ministry of finance - | | | |
| | 2.MFERIT - | | | |
| | 3.Ministry of economy - | | | |
| | 4. National bank of Uzbekistan for FER - | | | |

In the calculations the exchange rate of the U.S. dollar is taken as 1 USD = 1694 sum.

* The cost of the project and funding sources are subject to change based on development and approval of PFS.

Modernization of the "Cascade Chirchik HPP" (HPP-10) The Republic of Uzbekistan, Chirchik city (Name and location of the project)

- 1. The contracting of the project State Unitary Enterprise "Cascade Chirchik HPP"
- 2. The aim of the project (brief description of the project)

Modernization of the station will allow:

To increase electricity generation due to reduction of repair works;

To increase reliability of exploitation;

To provide security of production;

- 3. The direction of investment (new construction / modernization and technical re-equipment / other direction) modernization
- 4. The decision of the Government of the Republic of Uzbekistan (if necessary) -
- 5. The presence of government guarantees (if necessary) -
- 6. Development Status / expertise PFS / FS PFS is being developed
- 7. Foreign partner and investor (including a creditor, the general contractor) -
- 8. Project Location Tashkent region, Chirchik city.

| № п/н | Name | The unit of measurement | Project Options | Note |
|-----------------|--|-------------------------|--------------------|-------------------------------|
| 1. | Project initiation (by whom, date and № of the document) | of measurement | Options | |
| 2. | Total project cost: | mln.USD | 23,5 | Will be determined in the PFS |
| 2.1 | in foreign currency | mln.USD | 9,9 | Will be determined in the PFS |
| 2.2 | in national currency | mln.sum | 23038,4 | 1 USD=1694 sums |
| 3. | costs in foreign currency, total: | mln.USD | 9,9 | |
| 3.1 | including the purchase of equipment | mln.USD | 9,9 | |
| 3.2 | for construction works | mln.USD | - | |
| 3.3 | Other | mln.USD | 8. | |
| 4. | costs in local currency | mln.sum | 23038,4 | Will be determined in the PFS |
| 4.1 | including to purchase equipment | mln.sum | 11519,2 | Will be determined in the PFS |
| 4.2 | for construction works | mln.sum | 9906,5 | Will be determined in the PFS |
| 4.3 | Other | mln.sum | 1612,7 | Will be determined in the PFS |
| 5. | Sources of funding: | | | |
| 5.1 | budgetary funds | mln.sum | - | |
| 5.2 | foreign investments and loans, total: | mln.USD | - | |
| 5.2.1 | including guaranteed by the government | mln.USD | - | |
| 5.2.2 | Foreign direct investment | mln.USD | - | |
| 5.3 | own funds | | | |
| 5.3.1 | including guaranteed by the government | mln.USD | - | |
| 5.3.2 | in national currency | mln.sum | 23038,4 | Will be determined in the PFS |
| 5.4 | commercial bank loans | | | |

| 5.4.1 | in foreign currency | mln.USD | _ | v - ! |
|--------|---|----------------|----------------|--|
| 5.4.2 | in national currency | mln.sum | - | |
| | | | | Will be determined in |
| 5.5 | Loans Fund for Reconstruction and Development of Uzbekistan | mln.USD | 9,9 | the PFS |
| 5.6 | other sources | mln.sum | - | |
| 6. | Duration of construction, total | months | 33 | Will be determined in the PFS |
| | Darwing of construction, total | monus | January, | MICTI D |
| 6.1 | date of commencement of work | month, year | 2013 | |
| | | W 7.4 | Septemb | |
| 6.2 | Date of commissioning | month, year | er, 2015 | Will be determined in |
| 7. | Payback period, total | years | | the PFS |
| | Expected result from the realization of the project | 70 | | |
| 8. | | | | Will be determined in |
| | annual volume of production, services in kind | mln.kW*h | | the PFS |
| | | | | Will be determined in |
| 8.2 | including for export | mln.kW*h | - | the PFS Will be determined i |
| 8.1 | the domestic market | mln.kW*h | _ | the PFS |
| 9. | the domestic market | IIIIII.K W | | Will be determined in |
| F. (5) | annual production volume and services in monetary terms | mln.sum | : - | the PFS |
| 9.1 | including for export | mln.USD | - | |
| | | | | Will be determined i |
| 9.2 | the domestic market | mln.sum | - | the PFS |
| 10. | anticipated product markets: | | - | |
| 10.1 | internal | % | 100 | |
| 10.2 | external | % | - | W. 11 |
| 11. | localization level of the project, all | % | 58 | Will be specified in the PFS |
| 12. | decrease in imports due to the project | mln.USD | - 36 | therrs |
| 13. | cost reduction: | min.osb | | |
| 13.1 | reduction of electricity consumption | thousand kW*h | | |
| | , | mln.sum | - | |
| 13.2 | reduction in gas consumption | Thousand cubic | - | |
| | i i | meters | | 5 |
| | | mln.sum | - | |
| 13.3 | reduction of liquid petroleum products | Thousand tons | - | |
| | | mln.sum | | |
| 13.4 | others | | | Will be achieved due |
| | · | Eqv. | - | to reduction of |
| | | mln.sum | - | expenses for repair works, size will be |
| | | | | determined in the |
| | | | | PFS |
| 14. | the number of created jobs | people | 5 | |
| 15. | the number of new products | unit |) <u>-</u> | |
| | Opinion on the draft assessment of the | | | |
| | authorized bodies (the date of the letter and | | | |
| 16. | number - if available) | | | The conclusions wil |
| | 1.Ministry of finance - | | | be obtained after |
| | 2.MFERIT - | | | developing the PFS |
| | 3.Ministry of economy - | | | |

"Modernization of the UE "Farkhad HPP" The Republic of Uzbekistan, Shirin city (Name and location of the project)

- 1. The contracting of the project Unitary Enterprise «Farkhad HPP" within the State joint company "Uzbekenerergo".
- 2. The aim of the project (brief description of the project)

Modernization and technical re-equipment of Farkhad hydropower plant replacing worn-out equipment, in order to restore the installed power of the station 126 MW instead of the available 118 MW, increasing the reliability of the equipment.

- 3. The direction of investment (new construction / modernization and technical re-equipment / other direction)
 - Modernization, technical re-equipment and reconstruction of the hydro power plant
- 4. The decision of the Government of the Republic of Uzbekistan (if necessary)

Resolution of the President of the Republic of Uzbekistan № 1072 of March 12, 2009 (Annex № 3 claim 29);

Resolution of the President of the Republic of Uzbekistan № 1213 of October 28, 2009 (Annex № 11 claim 35).

- 5. The presence of government guarantees (if necessary)
- 6. Development Status / expertise PFS / FS PFS

The state of technological equipment of the station has been surveyed, the concept of modernization and technical re-equipment of the station is being developed.

- 7. Foreign partner and investor (including a creditor, the general contractor): needs to be determined.
- 8. Project Location Sirdarya region,

| No | Name | The unit | Project | Note |
|-------|--|----------------|---------|----------------|
| п/п | | of measurement | Options | |
| 1. | Project initiation (by whom, date and № of | | | |
| | the document) | | | |
| 2. | Total project cost, including: | mln.USD | 32,0 | |
| 2.1 | in foreign currency | mln.USD | 28,0 | |
| 2.2 | | mln.sum | 6776, | 1 \$=1694 sums |
| | in national currency | | 0 | |
| 3. | costs in foreign currency, total: | mln.USD. | 28,0 | |
| 3.1 | including the purchase of equipment | mln.USD. | 25,2 | 90 % |
| 3.2 | for construction works | mln.USD. | 2,8 | 10 % |
| 3.3 | Other | mln.USD | | |
| 4. | | mln.sum | 6776, | |
| | costs in local currency | | 0 | |
| 4.1 | including to purchase equipment | mln.sum | 676,0 | 10 % |
| 4.2 | | mln.sum | 6100, | 90 % |
| | for construction works | | 0 | |
| 4.3 | Other | mln.sum | | |
| 5. | Sources of funding: | | | |
| 5.1 | budgetary funds | mln.sum | | |
| 5.2 | foreign investments and loans, total: | mln.USD | 28,0 | |
| 5.2.1 | including guaranteed by the government | mln.USD | 28,0 | |

| 5.2.2 | Faraian direct investment | ml. HOD | | |
|---------------------|--|----------------|-----------|--|
| 5.2.2 | Foreign direct investment own funds | mln.USD | | |
| 5.3.1 | | min HCD | | |
| 5.3.2 | including guaranteed by the government | mln.USD | (77) | - |
| 3.3.2 | in notional assurances | mln.sum | 6776, | |
| F 1 | in national currency | 1 | 0 | |
| 5.4 | commercial bank loans | mln.sum | - | |
| 5.4.1 | in foreign currency | mln.USD. | | |
| 5.4.2 | in national currency | mln.sum | | |
| 5.5. | Loans Fund for Reconstruction and Devel- | mln.USD | | |
| | opment of Uzbekistan | | | |
| 5.6 | commercial bank loans | mln.sum | _ | |
| 6. | Duration of construction, total | months | 42 | |
| 6.1 | date of commencement of work | month, year | July 2012 | |
| 6.2 | | month, year | December | Phased upgrade |
| | | | 2015 | worked out in the |
| | Date of commissioning | | | FS |
| 7. | | years | | Will be deter- |
| | Payback period, total | | | mined in the PFS |
| | Expected result from the realization of the | | | |
| | project | | | |
| 8. | annual volume of production, services in ab- | | | * Will be determine |
| 0. | solute measures | | | in the PFS |
| | - capacity | MW | 126 | in the Fro |
| | - annual volume of generated electricity | mln.kW*h | * | |
| 8.1 | including for export | IIIIII.K VV II | | |
| 8.2 | - the domestic market | | | * Will be determine |
| 0.2 | S | N 4377 | 106 | and the second s |
| | - capacity | MW | 126 | in the PFS |
| | - annual volume of generated electricity | mln.kW*h | , T | XX7'11 1 1 4 |
| 9. | annual production volume and services in | 1 | | Will be deter- |
| 0.1 | monetary terms | mln.sum | | mined in the PFS |
| 9.1 | including for export | mln.USD. | | |
| 9.2 | the domestic market | mln.sum | | |
| 10. | anticipated product markets: | | | |
| 10.1 | No. 100 | % | 100 | Energy system of |
| | internal | | | Uzbekistan |
| 10.2 | external | % | | |
| 11. | localization level of the project, all | % | 12,5 | |
| 12. | decrease in imports due to the project | mln.USD a year | | |
| 13. | cost reduction: | | | |
| 13.1. | reduction of electricity consumption | thousand | | |
| | | kW*h | | |
| | | mln.sum | | |
| 13.2. | | Thousand cubic | | |
| | reduction in gas consumption | meters mln.sum | | |
| 13.3. | reduction of liquid petroleum products | Thousand tons | | |
| 13.3. | reduction of fiquid petroleum products | mln.sum | | |
| 4.5 | | Thousand tons | | |
| 13.4. | others | | | |
| 13.4. | others | mln.sum | | |
| 13.4. 14. | 200.000 (190.000) | mln.sum | | increase in per- |
| | the number of created jobs | | | increase in personnel qualifica- |
| | 200.000 (190.000) | mln.sum | | sonnel qualifica- |
| | 200.000 (190.000) | mln.sum | | |

| 16. | Opinion on the draft assessment of the authorized bodies (the date of the letter and number - if available) | |
|-----|---|--|
| | 1.Ministry of finance - | |
| | 2.MFERIT - | |
| | 3.Ministry of economy - | |
| | 4. National bank of Uzbekistan for FER - | |

Notes:

- 1. In the calculations the exchange rate of the U.S. dollar is taken as 1 USD = 1694 sum.
- 2. The cost of the project and funding sources are subject to change based on development and approval of PFS.

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Modernization of the "Cascade Kadiri HPP" (HPP-3)

The Republic of Uzbekistan, Tashkent region (Name and location of the project)

- 1. The contracting of the project State Unitary Enterprise "Cascade Kadiri HPP"
- 2. The aim of the project (brief description of the project)

Modernization of the station will allow:

To increase electricity generation due to reduction of repair works;

To increase reliability of exploitation;

To provide security of production;

- **3.** The direction of investment (new construction / modernization and technical re-equipment / other direction) modernization
- 4. The decision of the Government of the Republic of Uzbekistan (if necessary) -
- 5. The presence of government guarantees (if necessary) -
- 6. Development Status / expertise PFS / FS PFS is being developed
- 7. Foreign partner and investor (including a creditor, the general contractor) -
- 8. Project Location Tashkent region, Kibray district.

| $N_{\underline{0}}$ | Name | The unit | Project | Note |
|---------------------|--|----------------|-----------------|----------------------|
| п/н | | of measurement | Options | |
| 1. | Project initiation (by whom, date and № of the document) | | | |
| 2. | Total project cost: | mln.USD | 28 | Clarifies in the PFS |
| | including: | | | G1 1G 1 41 |
| 2.1 | in foreign currency | mln.USD | 8.0 | Clarifies in the PFS |
| 2.2 | in national currency | mln.sum | 34760.88 | 1 USD=1694 sums |
| 3. | costs in foreign currency, total: | mln.USD | 8.0 | |
| 3.1 | including the purchase of equipment | mln.USD | 8.0 | |
| 3.2 | for construction works | mln.USD | - | |
| 3.3 | Other | mln.USD | 1 3. | |
| 4. | costs in local currency | mln.sum | 34760.88 | Clarifies in the PFS |
| 4.1 | including to purchase equipment | mln.sum | 13904.35 | Clarifies in the PFS |
| 4.2 | for construction works | mln.sum | 18770.88 | Clarifies in the PFS |
| 4.3 | Other | mln.sum | 2085.65 | Clarifies in the PFS |
| 5. | Sources of funding: | | | |
| 5.1 | budgetary funds | mln.sum | Nº | |
| 5.2 | foreign investments and loans, total: | mln.USD | - | |
| 5.2.1 | including guaranteed by the government | mln.USD | - | |
| 5.2.2 | Foreign direct investment | mln.USD | a š | |
| 5.3 | own funds | | | |
| 5.3.1 | including guaranteed by the government | mln.USD | 0.0 | ā |
| 5.3.2 | in national currency | mln.sum | 34760.88 | Clarifies in the PFS |
| 5.4 | commercial bank loans | | | |
| 5.4.1 | in foreign currency | mln.USD | - | |

| | | 3 | | |
|-------|--|-----------------------|---------------------|--|
| 5.4.2 | in national currency | mln.sum | | · · · · · |
| 5.5 | Loans Fund for Reconstruction and Development of Uzbekistan | mln.USD | 8.0 | Clarifies in the PFS |
| 5.6 | other sources | mln.sum | _ | 300000000000000000000000000000000000000 |
| 6. | Duration of construction, total | months | 34 | Clarifies in the PFS |
| 6.1 | date of commencement of work | month, year | april 2013 | |
| 6.2 | Date of commissioning | month, year | decembe er, 2015 | |
| 7. | Payback period, total | years | | Clarifies in the PFS |
| | Expected result from the realization of the project | | | |
| 8. | annual volume of production, services in kind | mln.kW*h | - | Clarifies in the PFS |
| 8.2 | including for export | mln.kW*h | - | Clarifies in the PFS |
| 8.1 | the domestic market | mln.kW*h | - | Clarifies in the PFS |
| 9. | annual production volume and services in monetary terms | mln.sum | - | Clarifies in the PFS |
| 9.1 | including for export | mln.USD | - | |
| 9.2 | the domestic market | mln.sum | | Clarifies in the PFS |
| 10. | anticipated product markets: | | - | |
| 10.1 | internal | % | 100 | |
| 10.2 | external | % | - | |
| 11. | localization level of the project, all | % | 72 | Will be specified in the PFS |
| 12. | decrease in imports due to the project | mln.USD | - | |
| 13. | cost reduction: | | | |
| 13.1 | reduction of electricity consumption | thousand kW*h | - | |
| | | mln.sum | • | |
| 13.2 | reduction in gas consumption | Thousand cubic meters | | |
| | | mln.sum | | |
| 13.3 | reduction of liquid petroleum products | Thousand tons | - | |
| | * | mln.sum | - | |
| 13.4 | others | Eqv. | - | Will be achieved due to reduction of |
| | | mln.sum | - | expenses for repair works, size will be determined in the PFS |
| 14. | the number of created jobs | people | 5 | |
| 15. | the number of new products | unit | - | |
| | Opinion on the draft assessment of the authorized bodies (the date of the letter and | | | |
| 16. | number - if available) | | | |
| 201 | 1.Ministry of finance - | | | The conclusions |
| | 2.MFERIT - | | | will be obtained |
| | 3.Ministry of economy - | | | after developing the |
| | 1 J. William y Or Collonly | | | PFS of the project. |

"Construction of cooling towers at the Navoi TPP to transfer power units № 3,4,8,9 to the reverse scheme of technical supply of water"

The Republic of Uzbekistan, Navoi region, Karmana area

(Name and location of the project)

- 1. The contracting of the project SJSC "Uzbekenergo", Navoi TPP.
- **2.** The aim of the project To ensure reliable work of power units with decreasing of source water of the river Zarafshan.
- 3. The direction of investment new construction.
- 4. The decision of the Government of the Republic of Uzbekistan on the implementation of the project resolution of the President #ΠΠ-1442 from 15.12.2010
- 5. The presence of government guarantees there is no guarantee
- 6. Development Status / expertise PFS / FS no
- 7. The foreign partner and investor (including a creditor, the general contractor)- is being studied
- 8. Project Location Navoi region, Karmana area, SSG "Yangiaryk.

| N_{0} | Name | The unit | Project | Note |
|---------|---|----------------|---------|-----------------------|
| п/п | | of measurement | Options | |
| 1. | Project initiation (by whom, date and № of the | | 1 | * |
| - | document): SJSC "Uzbekenergo" | | | |
| 2. | Total project cost, including: | mln.USD | 130 | |
| 2.1 | in foreign currency | mln.USD | | |
| 2.2 | in national currency | mln.sum | 130 | |
| 3. | costs in foreign currency, total: | mln.USD. | - | |
| 3.1 | including the purchase of equipment | mln.USD. | - | |
| 3.2 | for construction works | mln.USD. | = | |
| 3.3 | Other | mln,sum | - | |
| 4. | costs in local currency | mln.sum | - | |
| 4.1 | including to purchase equipment | mln.sum | - | |
| 4.2 | for construction works | mln.sum | - | |
| 4.3 | Other | | - | |
| 5. | Sources of funding: | mln.sum | - | |
| 5.1 | | mln.USD | - | is being |
| | budgetary funds | | | developed |
| 5.2 | foreign investments and loans, total: | mln.USD | - | |
| 5.2.2 | including guaranteed by the government | mln.USD | - | |
| 5.2. | Foreign direct investment | | - | |
| 5.3.1 | own funds | mln.USD. | 130 | |
| 5.3.2 | including guaranteed by the government | mln.sum | =: | |
| 5.4 | in national currency | mln.sum | - | |
| 5.4.1 | commercial bank loans | mln.USD | - | |
| 5.4.2 | in foreign currency | mln.sum | - | |
| 5.5. | in national currency | mln.USD | - | |
| 5.6 | Loans Fund for Reconstruction and Development of Uzbekistan | mln.sum | - | |
| 6. | Duration of construction, total | months | - | |
| 6.1 | date of commencement of work | month, year | 2013 | |
| 6.2 | Date of commissioning | month, year | 2015 | |
| 7. | - | years | - | Will be |
| | Payback period, total | 10000000 | | determined in the PFS |
| | Expected result from the realization of the | | - | |
| | project | | | |
| 8. | J. S. | MW | | |
| (F.S.) | annual volume of production, services in kind | mln.kW*h | | |
| 8.1 | including for export | mln.kW*h | | |
| 8.2 | the domestic market | mln.kW*h | | |

| 9. | annual production volume and services in monetary terms | mln.sum | | |
|-------|---|-------------------------------|----|--|
| 9.1 | including for export | mln.USD | | |
| 9.2 | the domestic market | mln.sum | | |
| 10. | anticipated product markets: | | | |
| 10.1 | internal | % | | |
| 10.2 | external | % | | |
| 11. | localization level of the project, all | % | | |
| 12. | decrease in imports due to the project | mln.USD | | |
| 13. | cost reduction: | | | |
| 13.1. | reduction of electricity consumption | thousand kW*h mln.sum | | |
| 13.2. | reduction in gas consumption | Thousand cubic meters mln.sum | | |
| 13.3. | reduction of liquid petroleum products | Thousand tons mln,sum | | |
| 13.4. | others | Eqv. mln.sum. | | |
| 14. | the number of created jobs | people | 10 | |
| 15. | the number of new products | units | - | |
| 16. | Opinion on the draft assessment of the authorized bodies (the date of the letter and number - if available) | 20 | | |
| | 1.Ministry of finance - | | | |
| | 2.MFERIT - | | | |
| | 3.Ministry of economy - | | | |
| | 4. National bank of Uzbekistan for FER - | | | |

"Shift of units № 6-7 Novo-Angren thermal power plant to coal-burning with the construction of second coal-conveying plant and second coal storage (stage 2) "

The Republic of Uzbekistan, Tashkent region, Angren

(Name and location of the project)

- 1. The contracting of the project SJSC "Uzbekenergo", JSC "Novo-Angren TPP".
- 2. The aim of the project (brief description of the project) Project provides for the transfer of units № 6-7 Novo-Angren thermal power plant to coal-burning from the coal provided by Angren deposit, with the increase of coal production in the cut of "Angrenskiy" due to technical re-equipment of the latter, which will ensure stable growth of coal production and increase its share in electricity generation in the energy balance of the Republic of Uzbekistan.
- 3. The direction of investment the reconstruction, modernization and construction.
- **4.** The decision of the Government of the Republic of Uzbekistan on the implementation of the project after the project documentation is ready.
- 5. The presence of government guarantees required after the project documentation is ready.
- 6. Development Status / expertise PFS / FS The development of PFS of second phase of the project is required.
- 7. The foreign partner and investor (including a creditor, the general contractor) not determined.
- 8. Project Location Nurabad settlement, the town of Angren, Tashkent region.

| No | Name | The unit | Project | Note | |
|--------|---|--|---|------|--|
| п/п | | of measurement | Options | - | |
| 1. | Project initiation (by whom, date and No of the document) | Resolution the Pres 15.12.2010 # PP-1 | Resolution the President of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the development to industry of the Republic Uzbekistan in 2011-2015 year | | |
| 2. | Total project cost, including: | mln.USD | 304,2 | | |
| 2.1 | in foreign currency | mln.USD | 304,2 | | |
| 2.2. | in national currency | mln.sum | 522 463,5 | | |
| 3. | costs in foreign currency, total: | mln.USD | - | | |
| 3.1. | including the purchase of equipment | mln.USD | - | | |
| 3.2. | for construction works | mln.USD | ₩ | | |
| 3.3. | Other | mln.USD | - | | |
| 4. | costs in local currency | mln.sum | | | |
| 4.1. | including to purchase equipment | mln.sum | - | | |
| 4.2. | for construction works | mln.sum | | | |
| 4.3. | Other | mln.sum | | | |
| 5. | Sources of funding: | | | | |
| 5.1. | budgetary funds | mln.sum | | | |
| 5.2. | foreign investments and loans, total: | mln.USD | 228,2 | | |
| 5.2.1. | including guaranteed by the government | mln.USD | 228,2 | | |
| 5.2.2. | Foreign direct investment | mln.USD | - | | |
| 5.3. | own funds | | | | |
| 5.3.1. | including guaranteed by the government | mln.USD | - | | |
| 5.3.2. | in national currency | mln.sum | - | | |
| 5.4. | commercial bank loans | | | | |
| 5.4.1. | in foreign currency | mln.USD | N a | | |
| 5.4.2. | in national currency | mln.sum | 18 | | |
| 5.5. | Loans Fund for Reconstruction and Development of Uzbekistan | mln.USD | - | | |
| 5.6. | other sources | mln.sum | - | | |
| 6. | Duration of construction, total | moths | 24 | | |
| 6.1. | date of commencement of work | month, year | 01.01.2014 | | |
| 6.2. | Date of commissioning | month, year | 31.12.2016 | | |
| 7. | Payback period, total | years | Will be determined in the development of PFS on stage 2 | | |
| | expected | | Will be determined in the development | | |

| | | | of PFS on stage 2 | |
|---------|--|----------------------|--------------------|----|
| 8. | annual volume of production, services in kind | mln.kW*h | 7,4 | |
| | 1 | | Will be determined | |
| 8.1. | including for export | mln.kW*h | in the development | |
| 122 122 | | | of PFS on stage 2 | |
| 8.2. | the domestic market | mln.kW*h | 7,4 | |
| | The second secon | | Will be determined | |
| 9. | annual production volume and services in monetary | mln.sum | in the development | |
| | terms | | of PFS on stage 2 | |
| | | | Will be determined | |
| 9.1. | including for export | mln.USD | in the development | |
| | | | of PFS on stage 2 | |
| | | | Will be determined | |
| 9.2. | the domestic market | mln.sum | in the development | |
| 7.2. | the domestic market | iiiii.suiii | of PFS on stage 2 | |
| 10 | anticipated product markets: | | of 113 off stage 2 | |
| 10 | anne-parea product markets. | | Will be determined | |
| 10.1. | internal | % | in the development | |
| 10.1. | | /" | of PFS on stage 2 | |
| | | | Will be determined | |
| 10.2. | external | % | in the development | |
| 10.2. | | 70 | of PFS on stage 2 | |
| | | - | Will be determined | |
| 11. | localization level of the project, all | % | in the development | |
| 11. | | 70 | of PFS on stage 2 | |
| | | - | Will be determined | |
| 12. | decrease in imports due to the project | mln.USD | in the development | |
| 12. | decrease in imports due to the project | IIIII.OOD | of PFS on stage 2 | |
| | | | Will be determined | |
| 13. | cost reduction: | | in the development | |
| 101 | cost reduction. | | of PFS on stage 2 | |
| | | As 21000-000-000 | Will be determined | |
| 13.1. | reduction of electricity consumption | mln.kW*h mln.sum. | in the development | |
| 13.11 | reduction of electricity consumption | | of PFS on stage 2 | |
| | | Thousand cubic | Will be determined | |
| 13.2. | reduction in gas consumption | meters | in the development | |
| 10,2, | | mln.sum | of PFS on stage 2 | |
| | | | Will be determined | |
| 13.3. | reduction of liquid petroleum products | Thousand tons | in the development | ** |
| 10.0. | 1000001011 of fiquid porforeint products | mln.sum | of PFS on stage 2 | |
| | | | Will be determined | |
| 13.4. | others | Eqv. | in the development | |
| 12.1. | | mln.sum. | of PFS on stage 2 | |
| 14. | the number of created jobs | people | 200 | |
| 15. | the number of new products | units | - | |
| 101 | Opinion on the draft assessment of the | - Cilito | | |
| 16. | authorized bodies (the date of the letter and | | | |
| | number - if available) | | N2 | |
| | 1.Ministry of finance - | | | |
| | 2.MFERIT - | | | |
| | 3.Ministry of economy - | | | |
| | 4. National bank of Uzbekistan for FER - | | | |
| | TATAMONAL OWN OF OZOONSKIII IOI I EN | | | |

^{*} All the aforementioned data is subject to change after the development of PFS of the second stage of the investment project.

Modernization of the "Cascade Samarkand HPP" (HPP-2B) The Republic of Uzbekistan, Samarkand region

(Name and location of the project)

- 1. The contracting of the project State Unitary Enterprise "Cascade Tashkent HPP" Branch "Cascade Samarkand HPP"
- 2. The aim of the project (brief description of the project)

Modernization of the station will allow:

To increase electricity generation due to reduction of repair works;

To increase reliability of exploitation;

To provide security of production;

- 3. The direction of investment (new construction / modernization and technical re-equipment / other direction) modernization
- 4. The decision of the Government of the Republic of Uzbekistan (if necessary) -
- 5. The presence of government guarantees (if necessary) -
- 6. Development Status / expertise PFS / FS PFS is being developed
- 7. Foreign partner and investor (including a creditor, the general contractor) -
- 8. Project Location Samarkand city, Heeshrau set.

| No | Name | The unit | Project | Note |
|-------|--|----------------|---------|----------------------|
| п/п | | of measurement | Options | |
| 1. | Project initiation (by whom, date and № of the document) | | | |
| 2. | Total project cost: including: | mln.USD | 22 | Clarifies in the PFS |
| 2.1 | in foreign currency | mln.USD | 9.2 | Clarifies in the PFS |
| 2.2 | in national currency | mln.sum | 21683.2 | 1 USD=1694 sums |
| 3. | costs in foreign currency, total: | mln.USD | 9.2 | |
| 3.1 | including the purchase of equipment | mln.USD | 9.2 | |
| 3.2 | for construction works | mln.USD | | |
| 3.3 | Other | mln.USD | • | |
| 4. | costs in local currency | mln.sum | 21683.2 | Clarifies in the PFS |
| 4.1 | including to purchase equipment | mln.sum | 10841.6 | Clarifies in the PFS |
| 4.2 | for construction works | mln.sum | 9323.8 | Clarifies in the PFS |
| 4.3 | Other | mln.sum | 1517.8 | Clarifies in the PFS |
| 5. | Sources of funding: | | | |
| 5.1 | budgetary funds | mln.sum | - | |
| 5.2 | foreign investments and loans, total: | mln.USD | - | |
| 5.2.1 | including guaranteed by the government | mln.USD | - | |
| 5.2.2 | Foreign direct investment | mln.USD | - | |
| 5.3 | own funds | | | |
| 5.3.1 | including guaranteed by the government | mln.USD | =1 | |
| 5.3.2 | in national currency | mln.sum | 21683.2 | Clarifies in the PFS |
| 5.4 | commercial bank loans | | | |

| 5.4.1 | in foreign currency | mln.USD | - | Obc. 10 |
|-------|---|-----------------------|----------------------|---|
| 5.4.2 | in national currency | mln.sum | - | |
| 5.5 | Loans Fund for Reconstruction and Development of Uzbekistan | mln.USD | 9.2 | Clarifies in the PFS |
| 5.6 | other sources | mln.sum | - | |
| 6. | Duration of construction, total | months | 33 | Clarifies in the PFS |
| 6.1 | date of commencement of work | month, year | january 2013 | |
| 6.2 | Date of commissioning | month, year | septembe er, 2015 | |
| 7. | Payback period, total | years | | Clarifies in the PFS |
| | Expected result from the realization of the project | | | |
| 8. | annual volume of production, services in kind | mln.kW*h | - | Clarifies in the PFS |
| 8.2 | including for export | mln.kW*h | - | Clarifies in the PFS |
| 8.1 | the domestic market | mln.kW*h | - | Clarifies in the PFS Clarifies in the |
| 9. | annual production volume and services in monetary terms | mln.sum | - | PFS PFS |
| 9.1 | including for export | mln.USD | • | Oligi4l |
| 9.2 | the domestic market | mln.sum | - | Clarifies in the PFS |
| 10. | anticipated product markets: | % | 100 | |
| 10.1 | internal | % | 100 | |
| 10.2 | external localization level of the project, all | % | 58 | Will be specified i |
| 12. | decrease in imports due to the project | mln.USD | - | |
| 13. | cost reduction: | | | |
| 13.1 | reduction of electricity consumption | thousand kW*h | - | |
| | | mln.sum | - | |
| 13.2 | reduction in gas consumption | Thousand cubic meters | - | |
| | | mln.sum | (50) | |
| 13.3 | reduction of liquid petroleum products | Thousand tons | • | |
| 13.4 | others | mln.sum <u>Eqv.</u> | - | Will be achieved due to reduction o |
| | | mln.sum | - | expenses for repai works, size will be determined in the PFS |
| 14. | the number of created jobs | people | 5 | |
| 15. | the number of new products | unit | - | |
| 16. | Opinion on the draft assessment of the authorized bodies (the date of the letter and number - if available) | | | |
| | 1.Ministry of finance - | | | The conclusions |
| | 2.MFERIT - | | | will be obtained |
| | 3.Ministry of economy - | | | after developing th |
| | 4. National bank of Uzbekistan for FER - | | | PFS of the project |

Modernization of the "Cascade Shahrikhon HPP" (HPP-SFC-2) The Republic of Uzbekistan, Andijan (Name and location of the project)

- 1. The contracting of the project State Unitary Enterprise "Cascade Tashkent HPP" branch "Cascade Shahrikhon HPP"
- 2. The aim of the project (brief description of the project)

Modernization of the station will allow:

To increase electricity generation due to reduction of repair works;

To increase reliability of exploitation;

To provide security of production;

- 3. The direction of investment (new construction / modernization and technical re-equipment / other direction) modernization
- 4. The decision of the Government of the Republic of Uzbekistan (if necessary) -
- 5. The presence of government guarantees (if necessary) -
- 6. Development Status / expertise PFS / FS PFS is being developed
- 7. Foreign partner and investor (including a creditor, the general contractor) -
- 8. Project Location Andijan region

| N₂ | Name | The unit | Project | Note |
|-------|--|-------------|----------|-------------------------------|
| | | of | 0 10 | |
| п/п | | measurement | Options | |
| 1. | Project initiation (by whom, date and № of the document) | | | |
| | | 4 | | Will be determined in |
| 2. | Total project cost, including: | mln.USD | 5,80 | the PFS |
| | including: | | T | ******* |
| 2.1 | in foreign currency | mln.USD | 4,176 | Will be determined in the PFS |
| 2.2 | in national currency | mln.sum | 2 789,22 | 1\$=1717,5 sum |
| 3. | costs in foreign currency, total: | mln.USD | 4,176 | |
| 3.1 | including the purchase of equipment | mln.USD | 4,176 | |
| 3.2 | for construction works | mln.USD | 0,000 | |
| 3.3 | Other | mln.USD | 0,000 | |
| 4. | costs in local currency | mln.sum | 2 789,22 | Will be determined in the PFS |
| 4.1 | including to purchase equipment | mln.sum | 0,00 | Will be determined in the PFS |
| 4.2 | for construction works | mln.sum | 1 992,30 | Will be determined in the PFS |
| 4.3 | Other | mln.sum | 796,92 | Will be determined in the PFS |
| 5. | Sources of funding: | | | |
| 5.1 | budgetary funds | mln.sum | - | |
| 5.2 | foreign investments and loans, total: | mln.USD | | |
| 5.2.1 | including guaranteed by the government | mln.USD | - | |
| 5.2.2 | Foreign direct investment | mln.USD | 21 | |
| 5.3 | own funds | | | |
| 5.3.1 | including guaranteed by the government | mln.USD | • | |
| 5.3.2 | in national currency | mln.sum | 2 789,22 | Will be determined in the PFS |
| 5.4 | commercial bank loans | | | |

| 5.4.1 | in foreign currency | mln.USD | | |
|-------|--|---------------|--------------------|-------------------------------------|
| 5.4.2 | in national currency | mln.sum | | |
| 3.1.2 | in national currency | min.sum | | Will be determined in |
| 5.5 | Loans Fund for Reconstruction and Development of Uzbekistan | mln.USD | 0,00 | the PFS |
| 5.6 | other sources | mln.sum | - | |
| | | | | Will be determined in |
| 6. | Duration of construction, total | months | 34 | the PFS |
| 6.1 | date of commencement of work | month, year | 01.02.13 | |
| 6.2 | Date of commissioning | month, year | 01.12.15 | |
| - | Double described total | XIOONIG | | Will be determined in the PFS |
| 7. | Payback period, total | years | | the PFS |
| 8. | Expected result from the realization of the project | | | Will be determined in |
| 0. | annual volume of production, services in kind | mln,kW*h | | the PFS |
| | annual volume of production, services in kind | IIIII.K W | | Will be determined in |
| 8.2 | including for export | mln.kW*h | - | the PFS |
| | | | | Will be determined in |
| 8.1 | the domestic market | mln.kW*h | - | the PFS |
| 0 | | | | Will be determined in |
| 9. | annual production volume and services in monetary terms | mln.sum | - | the PFS |
| 9.1 | including for export | mln.USD | - | |
| 9.2 | the domestic market | mln.sum | | Will be determined in the PFS |
| 10 | anticipated product markets: | mm.sum | - | llierra |
| 10.1 | internal | % | 100 | |
| 10.1 | external | % | 100 | |
| 10.2 | CATCHIBI | 70 | <u>-</u> | Will be determined in |
| 11. | localization level of the project, all | % | | the PFS |
| 12. | decrease in imports due to the project | mln.USD | #3 | |
| 13. | cost reduction: | | | |
| 13.1 | reduction of electricity consumption | thousand kW*h | - | |
| | | mln.sum | æ.x | |
| 13.2 | reduction in gas consumption | Thousand | | |
| | | cubic meters | | |
| | a | mln.sum | - | |
| 13.3 | reduction of liquid petroleum products | Thousand tons | - | |
| | | mln.sum | | |
| 13.4 | others | <u>Eqv.</u> | - | Will be achieved due |
| | | | - | to reduction of expenses for repair |
| | | mln.sum | | works, size will be |
| | | mm.sum | | determined in the |
| | | | | PFS |
| 14. | the number of created jobs | people | 0 | |
| 15. | the number of new products | units | - | |
| | Opinion on the draft assessment of the | | | |
| 16. | authorized bodies (the date of the letter and number - if available) | | | |
| 10. | 1.Ministry of finance - | | - *; | The conclusions will |
| | 2.MFERIT - | 12-1-12 | be obtained after | |
| | | | developing the PFS | |
| | 3.Ministry of economy - | | | of the project. |
| | 4. National bank of Uzbekistan for FER - | | | |

"Modernization Tahiatash TPP remittance the blocks 210 MWT to circulating scheme of the technical water-supply" The Republic of Karakalpakistan, Tahiatash (Name and location of the project)

- 1. The contracting of the project SJSC "Uzbekenergo", JSC "Tahiatash TPP".
- 2. The aim of the project Project provides remitting blocks 7 and 8 in Tahiatashs TPP capacity on 210 MWT to circulating system of the technical water-supply and construction two gas-turbine unit (GTU) by capacity on 140 MWT, supply to stable electric energy consumer in region, reliability, economy of the functioning the equipment Tahiatashs TPP, reductions of the specific expenses power resource on furlough of the product and ect.
- 3. The direction of investment the reconstruction and modernization.
- 4. The decision of the Government of the Republic of Uzbekistan on the implementation of the project after the project documentation is ready.
- 5. The presence of government guarantees required after the project documentation is ready.
- 6. Development Status / expertise PFS / FS The design of PFS.
- 7. The foreign partner and investor (including a creditor, the general contractor) not determined.
- 8. Project Location Republic Karakalpakistan, Tahiatash.

| No | Name | The unit | Project | Note | |
|--------|---|-----------------------|--|---------------|--|
| п/п | | of measurement | Options | | |
| 1. | Project initiation (by whom, date and № of the document) | | Resolution the President of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the development of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the development of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the development of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic Uzbekistan from 15.12.2010 # PP-1442 "About priority of the Republic PP-1442 "About priority of the Rep | | |
| | (by whom, date and 312 of the document) | to industry of the Re | | | |
| 2. | Total project cost, including: | mln.USD | 331,0 | 11 2013 jun | |
| 2.1 | in SLE | mln.USD | 225,0 | | |
| 2.2. | in national currency | mln.sum | 199 386,0 | | |
| 3. | costs in foreign currency, total: | mln.USD | 225,0 | | |
| 3.1. | including the purchase of equipment | mln.USD | 225,0- | | |
| 3.2. | for construction works | mln.USD | , | | |
| 3.3. | Other | mln.USD | | | |
| 4. | costs in local currency | mln.sum | 199 386,0 | | |
| 4.1. | including to purchase equipment | mln.sum | | Beforehand, | |
| 4.2. | for construction works | mln.sum | 199 386,0 | will is | |
| 4.3. | Other | mln.sum | | determined | |
| 5. | Sources of funding: | | | within the | |
| 5.1. | budgetary funds | mln.sum | | framework of | |
| 5.2. | foreign investments and loans, total: | mln.USD | 225,0 | PFS, be | |
| 5.2.1. | including guaranteed by the government | mln.USD | 225,0 | elaborated in | |
| 5.2.2. | Foreign direct investment | mln.USD | S= | FS and on | |
| 5.3. | own funds | mln.USD | 106,0 | total of the | |
| 5.3.1. | including guaranteed by the government | mln.USD | - | after tender | |
| 5.3.2. | in national currency | mln.sum | H | 1 | |
| 5.4. | commercial bank loans | | (| 1 | |
| 5.4.1. | in SLE | mln.USD | ×= | 1 | |
| 5.4.2. | in national currency | mln.sum | 7- | | |
| 5.5. | Loans Fund for Reconstruction and Development of Uzbekistan | mln.USD | - | | |
| 5.6. | other sources | mln.sum | - | 1 | |
| 6. | Duration of construction, total | moths | 72 | 1 | |
| 6.1. | date of commencement of work | month, year | 09.2013 | | |
| 6.2. | Date of commissioning | month, year | 12.2018 | | |
| 7. | Payback period, total | years | Will be determined in the PFS | | |
| | expected | | Will be determined in the PFS | | |
| 8. | annual volume of production, services in kind | mln.kW*h | Will be determined | | |
| 8.1. | including for export | mln.kW*h | in the PFS | | |
| 8.2. | the domestic market | mln.kW*h | Will be determined | | |

| 9. | annual production volume and services in monetary terms | mln.sum | in the PFS |
|-------|---|-------------------------------|-------------------------------|
| 9.1. | including for export | mln.USD | Will be determined |
| 0.0 | 4. 1. 4' | | in the PFS |
| 9.2. | the domestic market | mln.sum | Will be determined in the PFS |
| 10 | anticipated product markets: | | |
| 10.1. | internal | % | Will be determined in the PFS |
| 10.2. | external | % | Will be determined in the PFS |
| 11. | localization level of the project, all | % | Will be determined in the PFS |
| 12. | decrease in imports due to the project | mln.USD | Will be determined in the PFS |
| 13. | cost reduction: | | Will be determined in the PFS |
| 13.1. | reduction of electricity consumption | mln.kW*h mln.sum. | Will be determined in the PFS |
| 13.2. | reduction in gas consumption | Thousand cubic meters mln.sum | Will be determined in the PFS |
| 13.3. | reduction of liquid petroleum products | Thousand tons mln,sum | Will be determined in the PFS |
| 13.4. | others | Eqv. mln.sum. | Will be determined in the PFS |
| 14. | the number of created jobs | people | Will be determined in the PFS |
| 15. | the number of new products | units | - |
| 16. | Opinion on the draft assessment of the authorized bodies (the date of the letter and number - if available) | | |
| | 1.Ministry of finance - | | |
| | 2.MFERIT - | | |
| | 3.Ministry of economy - 4.National bank of Uzbekistan for FER - | | |

^{*} All the aforementioned data is subject to change after the development of PFS of the investment project.
** At calculation to take the exchange dollar rate USA equal 1 \$USA = 1881 sums

Modernization of the UE "Cascade Tashkent HPP" The Republic of Uzbekistan, Tashkent city Aktepa HPP (HPP -9) (Name and location of the project)

- 1. The contracting of the project Unitary Enterprise "Cascade Tashkent HPP" within the State joint company "Uzbekenerergo
- 2. The aim of the project (brief description of the project)
 Modernization of HPP provides for installment of two hydraulic units, using the duct and embedded parts of the existing hydropower unit G-1, as well as a new unit duct and using an existing crater and the draft tube of hydropower unit G-2. with an increase in installed capacity of hydropower plant to 18 MW.
- 3. The direction of investment (new construction / modernization and technical re-equipment / other direction)

Modernization and technical re-equipment of the hydro power plant.

- 4. The decision of the Government of the Republic of Uzbekistan (if necessary)
- 5. The presence of government guarantees (if necessary) -
- 6. Development Status / expertise PFS / FS PFS no
- 7. Foreign partner and investor (including a creditor, the general contractor) will be determined in PFS
- 8. Project Location Tashkent city

| $\mathcal{N}_{\underline{0}}$ | Name | The unit | Project | Note |
|-------------------------------|---|----------------|---------|----------------|
| Π/Π | | of measurement | Options | (2-3)3733344 |
| 1. | Project initiation (by whom, date and № of the doc- | | | |
| | ument) | | | |
| 2. | Total project cost, including: | mln.USD | 21,0 | |
| 2.1 | including: | mln.USD. | | |
| 2.2 | in foreign currency | mln.USD | 11,5 | |
| 2.3 | in national currency | mln.USD. | 16093,0 | 1 \$=1694 sums |
| 3. | costs in foreign currency, total: | mln.USD. | 11,5 | |
| 3.1 | including the purchase of equipment | mln.USD. | 10,35 | 90 % |
| 3.2 | for construction works | mln.USD. | 1,15 | 10 % |
| 3.3 | Other | mln.sum | | |
| 4. | costs in local currency | mln.sum | 16093,0 | |
| 4.1 | including to purchase equipment | mln.sum | 3218,6 | 20 % |
| 4.2 | for construction works | mln.sum | 12874,4 | 80 % |
| 4.3 | Other | mln.sum | | |
| 5. | Sources of funding: | mln.USD | .= | |
| 5.1 | budgetary funds | mln.USD | (₩. | |
| 5.2 | foreign investments and loans, total: | mln.USD | 2= | |
| 5.2.1 | including guaranteed by the government | mln.USD. | | |
| 5.2.2 | Foreign direct investment | mln.sum | | |
| 5.3. | own funds | mln.sum | _ | |
| 5.3.1 | including guaranteed by the government | mln.USD | | |
| 5.3.2 | in national currency | mln.sum | 16093,0 | |
| 5.4 | commercial bank loans | mln.USD | 82 | |
| 5.4.1 | in foreign currency | | | |
| 5.4.2 | in national currency | | | |
| 5.5 | Loans Fund for Reconstruction and Development of | mln.sum | 11,5 | |
| | Uzbekistan | | | |
| 6. | Duration of construction, total | months | 32 | |

| 6.1 | date of commencement of work | month, year | 2012 | |
|-------|---|-------------------------------|---------------------------------|---------------------------------------|
| 6.2 | Date of commissioning | month, year | 2015 | |
| 7. | Payback period, total | years | | Will be de- termined in the PFS |
| | Expected result from the realization of the project | | | |
| 8. | annual volume of production, services in kind | mln.kW*h | 4,0 17,0 | Will be specif in the PFS |
| 8.1 | including for export | mln.kW*h | Export is n | ot envisaged |
| 8.2 | the domestic market | mln.kW*h | 4,0 17,0 | Will be speci- fied in the PFS |
| 9. | annual production volume and services in monetary terms | mln.sum | | |
| 9.1 | including for export | mln.USD | no | |
| 9.1 | the domestic market | mln.sum | IIU | |
| 10. | anticipated product markets: | mm.sum | The power system of Uz-bekistan | |
| 10.1 | internal | % | 100 | |
| 10.2 | external | % | - | |
| 11. | localization level of the project, all | % | - | |
| 12. | decrease in imports due to the project | mln.USD | - | |
| 13. | cost reduction: | mmood | | |
| 13.1. | reduction of electricity consumption | thousand kW*h mln.sum | | |
| 13.2. | reduction in gas consumption | Thousand cubic meters mln.sum | | |
| 13.3. | reduction of liquid petroleum products | Thousand tons mln.sum | | |
| 13.4. | others | Eqv. mln.sum. | | |
| 14. | the number of created jobs | people | | Will be de- termined in the PFS |
| 15. | the number of new products | units | - | |
| 16. | Opinion on the draft assessment of the authorized bodies (the date of the letter and number - if available) | | | |
| | 1.Ministry of finance - | mln.USD | | |
| | 2.MFERIT - | mln.USD. | | |
| | 3.Ministry of economy - | mln.USD | | |
| | 4. National bank of Uzbekistan for FER - | mln,USD. | | |

In the calculations the exchange rate of the U.S. dollar is taken as 1 USD = 1694 sum.

* The cost of the project and funding sources are subject to change based on development and approval of PFS.