APPENDIX 2 – Application Form for sending specialists to Tehran (TAVANA Company)

To: Authorized Representative of the Contractor:

Please, be notified that the following specialists are required to be dispatched for performing Services on Technical and Engineering Support under the Contract No. CNT-ETS/4100-1 date 25.02.2015, at Tehran (TAVANA Company) as per the following table. You are kindly requested to issue due instruction as to assign qualified specialists and take necessary implementation according to the Appendix 4, item 4.1.1 of the Contract.

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| **No.** | **Position** | **Grade** | **Organization** | **Starting date** | **Ending date** | **Duties** |
|  | Chief Expert | 6B | JSCVNIIAES,JSC Atomenergoproekt,JSC Atomtechexport | 2016.08.01 | 2016.09.15 | **Establishment of technical support company:*** Conducting necessary reviews, providing recommendations and management consultants in the area of company structure and required communications within and outside of the company and also description of tasks and responsibilities.
* Providing recommendations and management consultants in line with job-training system and gaining required competencies for each job and also for doing activities in the area of technical support.
* Providing recommendations and necessary advices in codifying instructions, documents and required management processes.
* Providing recommendations and management consultants in the process of decision-making in technical support area.
* Providing recommendations and management consultants in establishing quality management system.
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|  | Chief Expert | 6B | JSCVNIIAES,JSC Atomenergoproekt ,JSC Atomtechexport | 2016.11.01 | 2016.12.15 | **Establishment of technical support company:*** Conducting necessary reviews, providing recommendations and management consultants in the area of company structure and required communications within and outside of the company and also description of tasks and responsibilities.
* Providing recommendations and management consultants in line with job-training system and gaining required competencies for each job and also for doing activities in the area of technical support.
* Providing recommendations and necessary advices in codifying instructions, documents and required management processes.
* Providing recommendations and management consultants in the process of decision-making in technical support area.

Providing recommendations and management consultants in establishing quality management system. |
|  | Leading Engineer | 9B | JSC FuelCyclePhysics,JSCOKB GIDROPRESS,JSCVNIIAES,JSC Atomtechexport | 2016.11.01 | 2016.11.30 | * Neutron-Physic calculation in order to produce annual neutron-physic/fuel management documents.
* Rendering consultancy services in order to produce album of neutron-physic characteristics of the reactor for the third and fourth cycle using alternative computer codes.
* Rendering consultancy services with probable neutron-physic calculation required for analysis of events related to safety.
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|  | Leading Engineer | 9B | JSCOKB GIDROPRESS,JSC Atomenergoproekt | 2016.11.01 | 2016.11.30 | Implementation of mobile equipment envisaged in BNPP-1 stress test programme:* To render technical advice related to safety analyses required for implementation of mobile equipment.
* To assist verification of basic/detailed design for implementation of mobile Diesel Pumps and obtain INRA’s permission to implement any modernization envisaged after completion of detailed design stage.
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|  | Leading Engineer | 9B | JSC Atomenergoproekt | 2016.08.15 | 2016.08.30 | Implementation of mobile Diesel Generator envisaged in BNPP-1 stress test programme:* To review of conceptual design for implementation of mobile Diesel Generator as well as approve of conceptual design
* To assist verification of basic/detailed design for implementation of mobile Diesel Generator and obtain INRA’s permission to implement any modernization envisaged after completion of detailed design stage.
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|  | Leading Engineer | 9B | JSCVNIIAES,JSC Atomenergoproekt | 2016.09.01 | 2016.10.31 | * Technical assistance/consultation for development of a data bank based on ageing management program requirements.
* Technical assistance/consultation for codification of systems and components selection procedure by consideration of safety requirement in ageing management program.
* Technical assistance/consultation for selection and verification of engineering software to simulate and analysis of issues related to ageing mechanism, and classification of them based on ageing management program requirements.
* Technical assistance/consultation for selection and verification of standard methods to estimate time limited ageing effect for selected systems and components in ageing management program (TLAA).
* Technical assistance/consultation for establishing an effective ageing management program of selected systems and components.
* Technical assistance/consultation to establish guidelines for periodic review and assessment of ageing management program during BNPP lifetime.
* Verification and benchmarking of activities and guidelines developed for BNPP ageing management program.
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|  | Leading Engineer | 9B | KurchatovInstitute,SRISMPrometey,JSCVNIIAES | 2016.08.01 | 2016.08.31 | * Technical assistance/consultation for specification of type and requirement concerning tests which shall be carried out on the surveillance specimens.
* Technical assistance/consultation for specification of safety requirements; design, commissioning and operation criteria for the hot lab.
* Validation of activities and rendering technical assistances relating to calculation of maximum activity and chemical composition of surveillance specimens for design hot cells and calculation of shielding thickness.
* Cooperation and rendering technical consultations on recognition and identifying processes related to transportation, separation and performing mechanical tests of surveillance specimens.
* Cooperation and rendering technical consultations on recognition of required equipment and identification of technical specifications, description of their tasks and equipment suppliers.
* Cooperation and rendering technical consultations on technical and economical assessment and analyses in order to commission the hot laboratory.
* Cooperation and rendering technical consultations on analysis methods of the results of reactor surveillance specimen’s tests and how to use them to improve and modify reactor operational procedures.
* Verification and Validation of all activities and developed guidelines relating to equipping and commissioning of the hot lab.
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