

Concept Note 2: Establishment of Seed Testing laboratory, Rehabilitation and upgrading of infrastructures

1. Title (Full name)	Establishment of Seed Testing laboratory, Rehabilitation and upgrading of infrastructures at NCRI											
2. Project Location	NCRI Badeggi											
3. Implementing Agencies	NCRI Badeggi											
4. Beneficiaries	NCRI HQ lab staff, out station lab staff, out growers,											
5. Target Group	Seed companies											
6. Type of project	1. Grant 2. R&D 3. Technical Coop./Assistance, 4. National budget, 5. Private sector (Select as appropriate) 1, 3, 4 & 5											
7. Field of support	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Quality Control, 8. Credit, 9. Capacity Building, 10. Infrastructure 11. Other (specify below) (Select as appropriate) 9 & 10											
8. Suggested Funding sources	National Budget; JICA, KOICA, AGRA, USAID, BMGF, WB, FAO, FNG, Dangote Foundation, DFID (FCAO), CBN											
9. Budget (USD)	\$2,054,166.12											
10. Duration of the project	4 years											
11. Background/Justification												
12. Goal and objective	<p>Overall objective Improve Seed Quality and Strengthen the National Cereal Research Institute (NCRI)</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Specific Objectives</th> <th style="text-align: left;">Output</th> </tr> </thead> <tbody> <tr> <td>1. Establishment of Modern Seed Testing laboratory at NCRI</td> <td>1-1. One (1) No. modern seed testing laboratory established at NCRI HQ (Badeggi) and ten (10) mini modern seed testing laboratories at NCRI outstations</td> </tr> <tr> <td>2. Improve seed quality infrastructure at NCRI</td> <td>2-1 One (1) No. cold room rehabilitated and fitted with alternative power (Solar) Source at NCRI HQ 2-2 One (1) No. Seed Storage facility rehabilitated and fitted with alternative power (Solar) Source.</td> </tr> <tr> <td>3. Improve Knowledge of Technical staff in handling infrastructures</td> <td>3-1 Eleven (11) nos. of technical staff trained</td> </tr> <tr> <td>4. Improve monitoring of Seed production fields. (Provision of utility vehicles)</td> <td>4-1. Eleven (11) Nos of 4x4 utility vehicles for monitoring of Seed production fields procured. 4-2. Regular Monitoring of Seed. Production field in place.</td> </tr> </tbody> </table>		Specific Objectives	Output	1. Establishment of Modern Seed Testing laboratory at NCRI	1-1. One (1) No. modern seed testing laboratory established at NCRI HQ (Badeggi) and ten (10) mini modern seed testing laboratories at NCRI outstations	2. Improve seed quality infrastructure at NCRI	2-1 One (1) No. cold room rehabilitated and fitted with alternative power (Solar) Source at NCRI HQ 2-2 One (1) No. Seed Storage facility rehabilitated and fitted with alternative power (Solar) Source.	3. Improve Knowledge of Technical staff in handling infrastructures	3-1 Eleven (11) nos. of technical staff trained	4. Improve monitoring of Seed production fields. (Provision of utility vehicles)	4-1. Eleven (11) Nos of 4x4 utility vehicles for monitoring of Seed production fields procured. 4-2. Regular Monitoring of Seed. Production field in place.
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13. Activities	<p>Specific Objective 1(Output 1-1) Establishment of Modern Seed Testing laboratory at NCRI 1-1-1: Conduct needs assessment 1-1-2: Shopping for consultants and award of contract for the establishment of a Modern Seed testing laboratory at NCRI HQ and Outstations. 1-1-3: Construction of Seed labs at NCRI HQ and Out stations and installation of modern seed testing facilities at NCRI and out stations</p> <p>Specific Objective 2 (Outputs 2-1 & 2-2) Improve seed quality infrastructure at NCRI Rehabilitation of Cold room at NCRI 2-1-1: Assessment of the condition of the cold room 2-1-2: Shopping for consultants and award of contract for Rehabilitation of Cold 2-1-3: Rehabilitation of the Cold room 2-1-4: Installation of Alternative Power Source (Solar) Rehabilitation and upgrading of Storage Facilities 2-2-1: Assessment of the condition of the present storage facility 2-2-2: Shopping for consultants and award of contract for Rehabilitation 2-2-3: Rehabilitation of the Storage facility and fitted with alternative power source at NCRI HQ</p> <p>Specific Objective 3(Output 3-1) Improve Knowledge of Technical staff in handling infrastructure 3-1-1: Conduct a knowledge gap assessment 3-1-2: Identify key technical staffs for capacity building 3-1-3: Identify Training Institution for training 3-1-4: Conduct training 3-1-5: Evaluate trainees on training conducted to ascertain knowledge gained 3-1-6: deployment of trainees to relevant departments</p> <p>Specific Objective 4(Output 4-1 & 4-2) Improve monitoring of seed production fields 4-1-1: Shopping of a reputable contractor and award of contract for supply 4-1-1: Shopping of a reputable contractor and award of contract for supply of 11 nos. 4x4 utility vehicle 4-1-2: Procurement and supply of 11 nos. 4x4 utility vehicle at NCRI HQ 4-1-3: Regular monitoring of Seed production fields</p>
14. Expected Impact	Availability of Quality EGS Assured
15. Potential Collaborators	IRRI, AfricaRice, IITA, AATF, Universities