

Proceedings of the second CIC meeting of NAIP sub-project (C4/C30015) entitled “Genetic basis of inferior sperm quality and fertility of crossbred bulls”

The second Consortium Implementation Committee (CIC) meeting of NAIP sub-project (C4/C30015) entitled “Genetic basis of inferior sperm quality and fertility of crossbred bulls” was held at Project Directorate on Cattle, Meerut on 15th December, 2009 at 11.00 AM. The following Scientists/Officers attended the meeting:

Prof. A. K. Misra, Director, PDC, Meerut - Chairman
Dr. G. K. Gaur, Principal Scientist, PDC, Meerut –Member
Dr. Subodh Kumar, Senior Scientist, IVRI, Izatnagar – Member
Dr. T K Datta, Senior Scientist, NDRI, Karnal - Co-PI
Dr. A. S. Mishra, Senior Scientist and I/C Purchase, PDC, Meerut
Dr. Sushil Kumar, Senior Scientist, PDC, Meerut - Co-PI
Dr. Mahesh Kumar, Senior Scientist, PDC, Meerut - Co-PI
Dr. D. K. Mandal, Senior Scientist, PDC, Meerut - Co-PI
Sh Chaman Singh AF&AO, PDC, Meerut- Member
Sh A K Sharma, AAO, PDC, Meerut- Member
Dr. Indrajit Ganguly, Scientist, PDC, Meerut- Member Secretary

At the outset, Dr. Indrajit Ganguly, Member Secretary, welcomed all the members and briefed about the project.

Prof. A K Misra, Chairman CIC, explained the importance of the project and stressed to execute the project as per the technical programme within the specified period. He advised Dr. Ganguly, Member Secretary to present action taken report (ATR) of the first CIC meeting and henceforth ATR should be the first agenda for all the CIC meetings. Dr. Ganguly presented brief ATR on the first CIC meeting and informed that action has already been taken in most of the recommendations of first CIC meeting except hiring of skilled labour at IVRI, Izatnagar and classification of bulls at IVRI and NDRI. PI and Co-PIs of different units presented their progress reports. The technical progress of PDC and NDRI was as per the schedule, however progress at IVRI was observed to be slow, which was attributed to outbreak of FMD in the bulls

of Germ Plasm Unit. Procurement of instruments at all the units was also observed to be slow and the concerned were advised to expedite the process so that work can be completed as per the targets. The other points which were discussed in the meeting include:

1. Dr. T K Datta informed about their inability to recruit the RA even after advertising the post for two times as the post has been reserved for physically handicapped by the NDRI. CIC was of the opinion that since physically handicapped person could not be identified even after advertisement, twice, the post should be converted to general category so that the recruitment can be made at the earliest and the project does not suffer further.
2. Dr. Subodh Kumar, CCPI, IVRI, Izatnagar informed that he needs modification in the equipment list. He requires one UV- transilluminator in place of laminar flow hood, one additional split AC for germ plasm centre, one each of digital camera, vortex shaker, micro centrifuge, magnetic stirrer cum hot plate, hand UV lamp, gel shaker and test tube rotator under miscellaneous small equipments category and one water bath in place of softwares. The justification of all the instruments has been given in annexure-1. Chairman CIC recommended the procurement of all the above instruments in place of others within the same specified budget kept under this head, after providing proper justification for dropping the equipment and assurance that this will not affect work of the project.
3. The issue of dropping the ERS centre of NDRI was discussed. Dr Datta informed that while conceptualizing the project, the ERS centre of NDRI was included for studying the IVF rate of spermatozoa from bulls with varying fertility status. Chairman CIC also stressed that spermatozoa of different categories may provide useful information on fertilizing ability during IVF of oocyte and epigenetic expressions during early embryonic development. In view of above and remarks of first CAC meeting, CIC recommended that the case may again be put up to next CAC meeting for consideration so that this work could be incorporated in the program.

4. IVRI, Izatnagar unit is facing problem in hiring of skilled labour due to non-finalization of contractor. The chairman of CIC suggested that CCPI should take up the issue with Director, IVRI, so that manpower could be hired at the earliest and project work does not suffer.

The meeting ended with a vote of thanks to the chair.

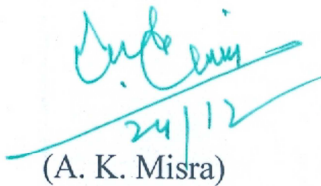


23.12.09

(Indrajit Ganguly)

Member Secretary

Approved



24/12

(A. K. Misra)

Chairman

Modification in equipment list of IVRI unit

S. No	Approved Items (Year of procurement: 2009-10)	No. Required	Estimated cost/unit	Modification required ?	What change required and why? (Justification)
1.	Ultra low deep freeze (-40°C)	1	1.50	NO	-
2.	Laminar flow hood	1	1.00	YES	Required one ' UV Transilluminator (Rs1.00 lakh) ' in lieu of Laminar Flow hood. The existing junk laminar flow hood has been discarded from the lab which can now be purchased through Institute's fund on replacement basis.
3.	Weighing balance electronic	1	0.50	NO	-
4.	Gel electrophoresis system with all accessories	1	2.00	NO	-
5.	Deep fridge (-20°C)	1	0.50	NO	-
6.	Micropipettes (2 sets)	1	1.00	NO	-
7.	AC split (3 nos)	1	1.00	YES	One additional Split A/C is required for Germ Plasm center where the semen is collected thus making a total of four . The semen processing lab does not have an air conditioner, which is as essential equipment for maintaining appropriate temperature during summers and winters.
8.	Note book computer	1	0.50	NO	-
9.	Miscellaneous small equipments (small cryocans-2 nos)	2	0.50	YES	The list of miscellaneous items may include (along with cryocan) some more SMALL/ PETTY ITEMS for routine use viz., (i) Digital Camera (for recording phenotypic features pertaining to testicular development of bulls: Rs. 15,000). (ii) Vortex Shaker (for routine molecular biology works: Rs. 10,000). (iii) Micro Centrifuge (for routine molecular biology works: Rs. 18,000). (iv) Magnetic stirrer cum hotplate (for routine molecular biology works: Rs. 15,000). (v) Hand UV lamp (for routine molecular biology works; Rs. 18,000). (vi) Gel shaker (for routine molecular biology works: Rs. 10,000). (vii) Test tube rotator (for routine molecular biology works: Rs. 14,000). Total of (i) to (vii) = Rs. 1,00,000=00 (Approx)
10.	pH meter	1	0.50	NO	-
11.	Softwares	1	1.00	YES	One " Water bath (Rs. 50,000) " in lieu of Softwares, is required for the 'Germ Plasm center" where the semen is collected, to maintain/hold freshly collected semen at 37° C before processing it for cryopreservation. The software intended to be purchased in this project have been purchased by another Scientist in Animal Genetics Division. Work can be done in his computer.
	Furniture	-	-	-	-
	Others	-	-	-	-
	Total		10.00		-

NOTE: Miscellaneous equipments (proposed additionally) would cost approx. Rs. 1,00,000=00 which will be met from **Savings** (Rs.50,000 from Software/Water bath and another Rs. 50,000 from Gel Electrophoresis apparatus) thus **all the additional / replaced equipments will be procured within the sanctioned budget of Rs. 10.00 lakh only.**