

## Status on Environment Management Action Plan

### Sub-project.: Water Supply, Bharatpur.

S. No	Activities	Responsible	Main Output	Time	Status
1.	Review of Design /Estimate	PCO/PIS/PIU	Review as per the mitigation measures prescribed in chapter 7, add or delete the items to incorporate the mitigation measures.	Before Commencement of construction work.	Complied. The PISC, PCO, PIU jointly reviewed the FDR and mitigation measures proposed were found to be satisfactory. Fuel from the local distributor is satisfactory.
2.	Review of Specification of work	PCO/PIS/PIU	Review and if needed modify the specification to incorporate the mitigation measures prescribed. Especially, the use of mechanical equipment, construction methods etc. should be focused during Revision.	Before agreement with Contractors.	Complied. The FDR was reviewed jointly by the PISC, PCO and PIU and found to be satisfactory. The Material and Equipment proposed is satisfactory.
3.	Meeting with WUC.	PIU	Inform about the importance of environment and describe the mitigation measures with rational. Help to institutionalize the Various units in WUC.	Before the actual commencement of construction work.	Complied. Monitoring committee set up under the Mayor discuss measures with users regularly.
4.	Meeting with Local Body	PIU/WUC	Inform and discuss about the need and importance of mitigation measures. Ask for formulation of rules and regulations to implement the mitigation measures.	Before commencement of construction work.	Complied.
5.	Joint meeting of PIU/WUC/DEDC S/Local bodies/Contactor	PIU	Discuss and finalize the methodology to implement proposed mitigation measures. Develop a well acceptable monitoring mechanism.	Just before construction starts.	Complied. Joint meeting held and instructions have been issued to the contractor.

6.	Formation of various Units under WUC.		Formation of Sanitation unit, Quality control unit, Water quality monitoring unit etc for the operation and monitoring of the proposed actions.	Initial phase of construction.	Formation of monitoring committee is done.
7.	Establishment of Water Quality lab	PIU/WUC.	Establishment of water quality lab with necessary equipment and skilled manpower.	During construction period.	To be complied
8.	Awareness Program	PIU/WUC/DED CS/Local bodies/Contractors.	Aware the local people and all the stakeholders about the importance of environment protection, predicted environmental impacts and the mitigation measures proposed. The rules and regulations to be followed by all.	Entire construction period.	To be complied
9.	Preparation of Monitoring Plan	PIU/WUC/DED CSC/Contractor	Prepare monitoring plan with clear roles and responsibilities of stakeholders.	Before starting of construction work.	To be complied
10.	Preparation of Code of Conduct	All stakeholders	Prepare code of conducts to be followed during construction and post construction period.	Just before starting of construction work.	To be complied

## Status on Environment Management Action Plan Sub-project.: Water Supply, Hetauda.

S. No	Activities	Responsible	Main Output	Time	Status as of 21 February, 2008
1.	Review of Design /Estimate	PCO/PIS/PIU	Review as per the mitigation measures prescribed in previous chapter, add or delete the items to incorporate the mitigation measures.	Before Commencement of construction work.	Complied. The FDR was reviewed jointly by DEDCSC, PCO and PIU for mitigation measures and found satisfactory. Fuel available with local distributors will be used and found acceptable. Safety measures will be followed, and contractor has been instructed to obtain insurance as provided for in the agreement. Local people will be given due priority subject to the availability of works.
2.	Review of Specification of work	PCO/PIS/PIU	Review and if needed modify the specification to incorporate the mitigation measures prescribed. Especially, the use of mechanical equipment, construction methods etc. should be focused during Revision.	Before agreement with Contractors.	Complied. The FDR was reviewed jointly by DEDCSC, PCO and PIU and the specifications were found to be satisfactory, for use of material, equipment, construction method and water quality. Water quality standard has been set at WHO standard.
3.	Meeting with community/TL O	PIU	Inform about the importance of environment and describe the mitigation measures with rational. Help to institutionalize the Various units in Community.	Before the actual commencement of construction work.	Complied. Awareness programs are being held through the community development program, and meetings with user committee and frequent informal group discussions are being held.
4.	Meeting with Local Body	PIU	Inform and discuss about the need and importance of mitigation measures. Ask for formulation of rules and regulations to implement The mitigation measures.	Before commencement of construction work.	Complied.
5.	Joint meeting of PIU/Community /DEDCS/Local bodies/Contact or	PIU	Discuss and finalize the methodology to implement proposed mitigation measures. Develop a well acceptable monitoring mechanism.	Just before construction starts.	Complied. Meetings with user committee, and frequent informal group discussions are being held.

6.	Formation of monitoring Units	PIU /Municipality	Formation of Sanitation unit, Water quality monitoring unit etc for the proposed actions.	Initial phase of construction.	Complied. Formation of user committees have been done
7.	Establishment of Water Quality lab	PIU	Establishment of water quality lab with necessary equipment and skilled manpower.	During construction period.	Being complied
8.	Awareness Program	PIU/DEDCS/ Local bodies/Contractors/Community (TLO).	Aware the local people and all the stakeholders about the importance of environment protection, predicted environmental impacts and the mitigation measures proposed. The rules and regulations to be followed by all.	Entire construction period.	Being complied
9.	Preparation of Monitoring Plan	PIU/Community /DEDCS/Contractor	Prepare monitoring plan with clear roles and responsibilities of stakeholders.	Before starting of construction work.	Being complied
10.	Preparation of Code of Conduct	All stakeholders	Prepare code of conducts to be followed during construction and post construction period.	Just before starting of construction work.	Being complied

## Status of Environment Management Action Plan

### Sub-project.: Sanitation and Sewerage, Hetauda.

S. No	Activities	Responsible	Main Output	Time	Status as of 21 February, 2008
1.	Review of Design /Estimate	PCO/PIS/PIU	Review as per the mitigation measures prescribed in previous chapter, add or delete the items to incorporate the mitigation measures.	Before Commencement of construction work.	Complied. After receiving the FDR from DEDCSC, PCO, PIU jointly reviewed the mitigation measures and found them to be satisfactory. Fuel from the Local distributor will be used and found to be satisfactory. Safety first policy will be followed and contractor will be instructed to do so. Local people will be given priority, subject to the availability of work.
2.	Review of Specification of work	PCO/PIS/PIU	Review and if needed modify the specification to incorporate the mitigation measures prescribed. Especially, the use of mechanical equipment, construction methods etc. should be focused during Revision.	Before agreement with Contractors.	Complied. DEDSC, PCO and PIU jointly reviewed the specifications and found to be satisfactory. Material and Equipment that will be used is satisfactory, no revisions required. The effluent quality has been set in accordance with GON standards.
3.	Meeting with Municipality	PIU	Inform about the importance of environment and describe the mitigation measures with rational. Help to institutionalize the Various units in community.	Before commencement of construction work..	Complied. Meetings are arranged.
4.	Meeting with Local Body	PIU/Municipality	Inform and discuss about the need and importance of mitigation measures. Ask for formulation of rules and regulations to implement The mitigation measures.	Before commencement of construction work.	Complied. Regular meetings are being held.
5.	Joint meeting of PIU/Municipality/DEDCS/Local bodies/Contact or	PIU	Discuss and finalize the methodology to implement proposed mitigation measures. Develop a well acceptable monitoring mechanism.	Just before construction starts.	Complied. Regular Meetings are being arranged with the municipality/PIU, DEDCSC/, Local bodies and contractor. Regarding the monitoring aspects.

6.	Formation of various Units under Municipality		Formation of Sanitation unit, Quality control unit, Water quality monitoring unit etc for the operation and monitoring of the proposed actions.	Initial phase of construction.	Complied. Monitoring committee has been set up under the steering committee, and regular meetings are held.
7.	Establishment of Water Quality lab	PIU/Municipality	Establishment of water quality lab with necessary equipment and skilled manpower.	During construction period.	Being complied
8.	Awareness Program	PIU/Municipality/DEDCS/Local bodies/Contractors.	Aware the local people and all the stakeholders about the importance of environment protection, predicted environmental impacts and the mitigation measures proposed. The rules and regulations to be followed by all.	Entire construction.	Being complied
9.	Preparation of Monitoring Plan	PIU/Municipality DEDCSC/Contractor	Prepare monitoring plan with clear roles and responsibilities of stakeholders.	Before starting of construction work.	Being complied
10.	Preparation of Code of Conduct	All stakeholders	Prepare code of conducts to be followed during construction and post construction period.	Just before starting of construction work.	Being complied