

The project staff will provide supervision of the field activities and assistance in decision making for the “**Environmental Study & Determination of Environmental Flow (E-Flow) Under 969 MW Neelum Jhelum Hydropower Project (NJHEP)**”. The job descriptions of the aforementioned officer are as under (but not limited to) due to the nature of the project:

Title: Project Engineer (PPS 8)

Qualification: At least B.Sc. in Civil Engineering from reputable national or international university, recognized by HEC, with 08 years’ experience in Water / Hydropower / Public Health Engineering projects along with at least 03 years’ experience in E-flow assessment & Management, etc.

Job Description:

1. To supervise, authenticate and validate the work done by the consultant with regard to the studies to be carried out under the PC-I.
2. To ensure that the feasibility study is carried out as per the specifications mentioned in PC-II of the project
3. Review the site investigations, exploratory / lab tests, boreholes, shafts, pits etc. mentioned in the Feasibility study/ detailed engineering design
4. Review hydrology reports, available data, sedimentation data, analysis of sediment and bed load transport
5. Review / analyze field investigations required for hydraulic/hydrology studies i.e., topographic survey, Bathymetric / hydrographic surveys etc.
6. To prepare weekly, monthly, and quarterly progress reports
7. Preparing estimates and budgets
8. To ensure that the project activities are carried out as per approved timelines
9. Any other task assigned by the Project Director

Title: **Junior Environmentalist (PPS 7)**

Qualification: At least BS (Hons / 16 years education) in Environmental Sciences, from an HEC recognized university, with 07 years' experience **OR** M.S Environmental Science with 05 years' experience. Experience in Environmental Impacts Assessment, Compliance of environmental safeguards / guidelines / frameworks, Ecosystem Management, Research on Water Quality / Watershed management / Wetlands Management / Environmental Flow (E-Flow) determination etc. will be preferred.

Job Description:

1. Supervision of the activities of the Consultant with regard to data / samples collection, performing analyses, preparation of reports, achieving milestones and timelines etc.
2. To verify/endorse the work done by the consultant
3. Generating periodical progress reports, as per directions of the Project Director
4. Preparation of detailed scientific reports and presentation according to their on-field findings as per the implementation schedules and upon requirement basis
5. Communication of the results to the Environment Specialist / Focal Person for approval
6. Communication of the approved reports / results with other stakeholders
7. Coordination with local Govt departments i.e., EPA, Fisheries, Wildlife, Forest and academia (as the case may be)
8. Liaison with Non Govt Agencies in connection with the project activities
9. Any other task assigned by the Project Director/Focal Person

Title: **Sub Engineer (PPS 7)**

Qualification: At least DAE (Civil) from reputable national or international institute with 05 years of experience in Water/Hydropower projects in general and 03 years in Hydropower project, Dams, Public Health Engineering structures and Environmental Flow Assessment projects.

Job Description:

1. To assist the Project Engineer in performing his duties/tasks that are as under:
 - a. To supervise, authenticate and validate the work done by the consultant with regard to the studies to be carried out under the PC-I.
 - b. To ensure that the feasibility study is carried out as per the specifications mentioned in PC-II of the project
 - c. Review the site investigations, exploratory / lab tests, boreholes, shafts, pits etc. mentioned in the Feasibility study/ detailed engineering design
 - d. Review hydrology reports, available data, sedimentation data, analysis of sediment and bed load transport
 - e. Review / analyze field investigations required for hydraulic/hydrology studies i.e., topographic survey, Bathymetric / hydrographic surveys etc.
 - f. To prepare weekly, monthly, and quarterly progress reports
 - g. Preparing estimates and budgets
 - h. To ensure that the project activities are carried out as per approved timelines
 - i. Any other task assigned by the Project Director