

| Marking Summary - Siltation & Canal Management Expert                                 |   |   |                                       |                         |               |
|---|---|---|---------------------------------------|-------------------------|---------------|
| S. No.  | Marking Parameter   | Supporting Documents Required   | Max Marks                             | Applicant's Credentials | Marks Awarded |
| <b>Preferred Qualification and Experience</b>   |   |   |                                       |                         |               |
| 1   | Total post-qualification Experience in canal and / or siltation management: <b>Max 25 marks</b><br><b>5 marks for each additional completed year (over 10 years minimum exp)</b>  | Relevant documents clearly establishing Work experience start and end dates.  | 25                                    |                         |               |
| 2   | Experience in construction and / or retrofitting of dams / canals / reservoirs / river banks to manage the sediment they accumulate - <b>Max 35 marks</b><br><b>5 marks for each completed year of such experience</b>  | Relevant documents establishing Work experience in the domain clearly establishing start and end dates.   | 35                                    |                         |               |
| 3   | Proven track record of managing / advising / working on canal and siltation management projects / programs / initiatives with state / central government organisations / bilateral / multilateral organizations - <b>Max 10 marks</b><br><b>5 marks for each completed year of such experience</b>  | Relevant documents establishing Work experience in such organisations clearly establishing start and end dates.   | 10                                    |                         |               |
| 4   | Master's or higher degree (full time) in Environmental Sciences / Geology / Geosciences / Earth Sciences / Water Resource Management / Civil Engineering - <b>Max 20 marks</b>  | Relevant Educational Qualification degree / marksheet   | 20                                    |                         |               |
| 5   | Certificates / Courses in relevant areas - <b>Max 5 marks</b>   | Relevant Certificates / Courses documents   | 5                                     |                         |               |
| 6   | Honors / Awards in relevant area - <b>Max 5 marks</b>   | Relevant documents regarding Honors / Awards conferred to the Applicant   | 5                                     |                         |               |
| <b>Total Marks on Preferred Qualification and Experience</b>                          |   |   | <b>100</b>                            |                         |               |
| <b>A</b>  | <b>Weighted marks on Preferred Qualification and Experience (@40%)</b>  |   | <b>40</b>                             |                         |               |
| <b>Cut-off Marks @60% of weighted Marks on Preferred Qualification and Experience</b> |   |   | <b>24</b>                             |                         |               |
| <b>Key Accountabilities</b>   |   |   |                                       |                         |               |
| S. No.  | Marking Parameter   | Supporting Documents Required   | Max Marks                             | Applicant's Credentials | Marks Awarded |
| 1   | Design DPRs and manage engineering works like dams, canals, reservoirs along rivers and lakes that may be affected by erosion processes, sediment transport and deposition.   | Supporting documents to establish candidate's experience in - master plan / programs / initiatives / policy in related domain.  | 15                                    |                         |               |
|   | Develop ideas and plans to address other Departmental priorities related to canal and siltation management and undertake strategic and operational planning exercises   | Brief Description supporting applicant's suitability for the position   | 10 only if supported with document(s) |                         |               |
| 2   | Research and analysis to find innovative and sustainable solutions for minimizing the negative impacts of erosion and sedimentation on river banks, irrigation patterns, housing settlements etc.<br>Conduct industry and market research and provide insights and perspective to ensure incorporation of best practices and latest trends and technologies to facilitate management decision-making. | Published research work / articles in journals / websites in relevant domain  | 25                                    |                         |               |
| 3   | Collaborate with National and State level bodies such as National Disaster Management Authority National River Conservation Directorate, Central Water Commission etc. to facilitate appropriate siltation management, conserve water resources and prevent floods.   | Documents establishing applicant's engagement with such organisations such as Authorisation letter / Office Order / Appreciation letter / Engagement Letter / co-author of reports / participation in meeting with such agencies etc. | 25                                    |                         |               |
| 4   | Strengthen the overall flood forecasting, and flood and sediment management capacity in Bihar by training concerned Department staff and enhancing their knowledge, understanding and capacity of flood, canal and sediment management  | Supporting document(s) to establish candidates experience in capacity development in relevant domain.   | 25                                    |                         |               |
| <b>Total Marks on Key Accountabilities</b>  |   |   | <b>100</b>                            |                         |               |
| <b>B</b>  | <b>Weighted marks on Key Accountabilities (@60%)</b>  |   | <b>60</b>                             |                         |               |
| <b>Cut-off Marks @60% of Weighted marks on Key Accountabilities</b>                   |   |   | <b>36</b>                             |                         |               |
| <b>Grand Total of Weighted Marks (A + B)</b>  |   |   |                                       |                         |               |