

<u>Details of Completed works</u>	
Name of Work	NHP –The Supply, Installation, Testing, Training, Commissioning, Operation and maintenance of ADCP for discharge measurements in Kerala.
Parliamentary Constituency	NA
LA Constituency	NA
Financial Year	2019-20
Administrative Sanction Order No, date, Amount	G.O (Ms) No.54/2016/WRD, Thiruvananthapuram dtd 1.08.2016. for an amount of Rs.42 crores.
Technical Sanction Order No, date, Amount	DM-AD11/3/2019 –IDRB dated 10.06.2019 of CE (I&D), IDRB, Thiruvananthapuram for an amount of RS.41,73,000/-
Agreement No and date	09/SE/FSC/TSR/2019-2020 dtd 10.12.2019
Agreed Amount(In Rs)	Rs.32,49,720/-
Name of contractor	M/S A&S Creation,15/19, East Punjabi Bagh, New Delhi -110026.
Site Handover Date	10.12.2019
Date of completion	23/03/2020 Commissioning
Description	An Acoustic Doppler current profiler (ADCP) is a hydroacoustic current meter, used to measure current velocities over a depth range using the Doppler effect of sound waves scattered back from particles within the water column . In rivers, the ADCP is used to measure the discharge, velocity profile and for cross sectional profiling estimated after adjustment for left and right bank areas. The discharge can be calculated as the dot product between the vector track and the current velocity. Single instrument was procured during the last financial year and measurements were taken during PDS studies, and various other gauging stations under Chenganoor division. Also discharge measurements were taken during resent flood at thottappally spillway. Bid document for purchase of another ADCP during this financial year for Thrissur division is under preparation.