

## **Agreement Signing for the Work of “Supply, Installation, Construction, Testing and Commissioning with 1 Year Operation and Maintenance of Tunnel Works of the Melamchi Water Supply Project, Melamchi Diversion Scheme: Contract MDS/DT/02-Package 2”**

On **29<sup>th</sup> September 2019**, an agreement was signed by Mr. Tires Prasad Khatri, Executive Director, Melamchi Water Supply Development Board (MWSDB) and Mr. Wang, Hua, Authorized Representative of M/s. Sinohydro Corporation Limited, China for the implementation of the Asian Development Bank (ADB) funded work of Supply, Installation, Construction, Testing and Commissioning with 1 year O&M of Tunnel works of the Melamchi Water Supply Project, Melamchi Diversion Scheme: Contract MDS/DT/02-Package 2.



Agreement Signing

The signed contract is **NPR 850,194,458.98** including VAT and Provisional Sum and all the works are to be completed within **12** months. The Contract envisages completion of **all balance works** of the Melamchi tunnel which amongst others include the following;

- Rectification of adits excavated from portals at GL to the diversion tunnel at Ambathan, Gyalthum and Sindhu: Total length approximately 1.4Km
- Rectification of diversion tunnel excavated from Sundarijal outlet portal and adit junctions at Ambathan, Gyalthum and Sindhu
- Supply and installation of grouted rock bolts/dowels in the remaining sections of tunnel (about 25000 Nos)
- Construction of RCC invert lining in Class II to V and Class VI full lining in the water diversion & adit tunnels (Water tunnel: 885m & adit tunnel: 1400m)

- Installation of weep holes, grouting works, tunnel flushing system at Ambathan, three (3) number of Vent house in the tunnel, gate arrangements at Sundarijal portal & flushing arrangements to Bagmati river etc
- Installation of SS pipe of 1600mm dia. from tunnel outlet to WTP Sundarijal and 1000mm dia. flushing pipe to Bagmati River
- Installation of adit bulkhead gates and flushing gates
- Upgrading camps at Gyalthum, Sindhu & Sundarijal & maintenance of access roads /and the four outlet/adit accesses roads
- Operation & maintenance of tunnel for one year after tunnel commissioning

With the signing of the above Contract, MWSDB has re-started the Melamchi tunnel works which aims to bring Melamchi waters to the Kathmandu Valley.

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