

## Kundah pumped storage hydro-electric project (4x125MW)

Capacity	4x 125 MW
Total cost of the project	Rs 1831.29 crores.
Name of the contractor Phase I Package –I } (Civil & Hydro Package – II } Mechanical works)	M/s. Patel Engineering, Mumbai M/s Kundah PSP Consortium
EPC Cost Phase I Package – I } (Civil & Hydro Package- II } Mechanical works)	Rs. 346.29 Crores Rs. 321.35 Crores
Brief Scope	<p><b>Package –I</b> Execution of all Civil &amp; Hydro Mechanical works on Engineering, Procurement &amp; Construction basis ( EPC )for (1x125 MW ) Kundah Pumped Storage Hydro- Electric Project Phase I. (Power House and Down stream works)</p> <p><b>Package -II</b> Execution of all Civil &amp; Hydro Mechanical works on Engineering, Procurement &amp; Construction basis ( EPC )for (1x125 MW ) Kundah Pumped Storage Hydro- Electric Project Phase I .(Upstream works)</p>
Source of funding	REC
Zero date	15.2.18
Date of Commissioning	2022-23.
Present status of the project	<p>This project is proposed to be executed in 3 phases. Execution of certain initial works such as Main Access Tunnel(1000m), Cable cum ventilation Tunnel (500m) and Approach roads have been completed before issue of the EPC contracts. LOI issued to M/s. Patel Engineering, Mumbai for Civil &amp; Hydro Mechanical works) for Package – I to a value of Rs.346.29 Crores &amp; M/s. Kundah PSP Consortium for Package-II to a value of Rs. 321.35 Crores of Phase I on Engineering Procurement and Construction (EPC) basis on 15.2.18.</p> <p><b>Package I:</b> The balance Mining work over and above that completed in the Non-EPC contract in 'Main Access Tunnel' and 'Cable Cum Ventilation Tunnel' is completed. Additionally Driven Inspection Tunnel (ADIT) to Tail Race Surge Chamber , ADIT to Tail race Tunnel, ADIT to Power house Top , ADIT to Pressure shaft Bottom, Pilot Tunnel for Transformer Cavern, Pilot Tunnel for Power House Cavern, ADIT to PH bottom and ADIT to Tail race surge chamber crown top, Power House cavern slashing &amp; transformer cavern slash completed. Transformer, Cavern benching, Power House cavern benching, Tail Race Tunnel excavation and benching, TR Surge chamber mining under progress.</p>

**Package II:**

Adit to HRT – Portal formation completed . Earth Tunnel excavation for 75m completed. Further mining of rock portion under progress. Head Race Tunnel Surge Shaft – surface excavation under progress .Lower Horizontal Portion of Pressure Shaft PS-1and PS-2 excavation completed. Inclined portion pilot is under progress in PS-1.

Price bids opened on 22.07.2019 for Package-III of Phase-I, Phase II & Phase III ( E & M works ) and evaluation report received on 25.09.19 and further process for award of work under progress.

Sd/-30.09.19  
Superintending Engineer/Elec,  
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