

## **PROJECT INFORMATION**

### **1.0 CUSTOMER :**

M/s National Hydroelectric Power Corporation Limited

### **2.0 PROJECT LOCATION AND DETAILS :**

#### **i) Project:**

66kV Switchyard for Chutak HEP, Jammu & Kashmir

#### **ii) Location:**

Chutak HE Project is located in Kargil district of Ladakh region. Kargil is located at a distance of 205 Km from Srinagar on Srinagar-Leh road. The nearest railhead is located at Jammu, which is about 500 Km away from Kargil. In Ladakh region, civil airport is available at Leh, which is connected to Delhi, Srinagar, Jammu & Chandigarh by air.

#### **iii) Road access to the Project Area:**

Jammu being the nearest railhead, transportation of equipments and materials to project site has been proposed by road from Jammu to Kargil via Srinagar. Jammu-Srinagar road is National highway (NH-1A) and Srinagar-Kargil road is State highway maintained by BRO.

The road from Srinagar to Kargil remains open for approximately 5-6 months i.e. May/June to November in a year and for rest of the period of the year the road remains blocked due to heavy snowfall. During the aforesaid road opening period, one day in a week the road is kept closed for routine maintenance. Kargil is also approachable by road from Manali via Leh. The distance from Manali to Leh is approximately 475 Km and from Leh to Kargil is 230 Km. This approach road also remains open for 5-6 months in a year. During the period of road closure i.e. November/December to May/June the available approach to Kargil is by air upto Leh and from Leh to Kargil by road.

An airstrip of length 1975 m and width 30 m exists at Kargil at which Air force AN-32 lands for use of Army and also for use of locals citizens during winter months only. The contractor may explore the possibility of use of this airstrip if deemed in consultation with the concerned authorities.

**iv) SITE CONDITIONS**

- a) Ambient air temp. (max.) : 42 deg C
- b) Ambient air temp. (min.) : (-)26 deg C
- c) Design ambient temp. : 42 deg C
- d) Altitude : L 2710.0 m
- e) Wind speed : 39 m/s
- f) Seismic Coefficient : 0.18 g for design & Max 0.36 g (lies in Zone IV)
- g) Average Annual rainfall : Up to 264 mm
  
- h) Ice Loading : 25 mm

**3.0 CONTACT PERSON :**

**FOR CONTRACTUAL ISSUES**

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**FOR ENGINEERING ISSUES**

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**FOR CONTRACT EXECUTION ISSUES**

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