

1. DIVERSION TUNNEL

- | | |
|---------------------|------------|
| d) LENGTH | 250m |
| b) DIAMETER | 5.0m |
| c) DESIGN DISCHARGE | 60.0cumecs |

FRL
b) MML
b)

- | | |
|--------------------|------------------|
| c) MODUL | EL. 2632,50m |
| d) RIVER BED LEVEL | EL. 2620,00m |
| e) TOP OF THE DAM | EL.2644,50m |
| f) No. OF DAYS | 4 (14,00m/3,50m) |
| g) SPILLWAY CREST | EL.2623,50m |
| h) DESIGN FLOOD | 5845 cumecs |

g) NO. OF INLADES

- | | |
|--|------------------|
| c) OUTFLOW OF LIQUID | 7.500 |
| 4. DESLITTING CHAMBER | |
| a) No. OF CHAMBER | 1 |
| b) SIZE OF CHAMBER | 200mmx10mmx15m) |
| c) MINIMUM PARTICLE SIZE TO BE REMOVED | 0.20mm AND ABOVE |

d) NO. OF CHAMBER
h) SIZE OF CHAMBER

5. **HEAD RACE TUNNEL.**
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|--|------------------|
| a) MINIMUM PARTICLE SIZE TO BE REMOVED | 0.20mm AND ABOVE |
| b) LENGTH | 5.7m. |
| c) DIA/LETER | 3.5m Horse Shoe |
| d) DESIGN DISCHARGE | 34.13cumecs |

b) DIAMETER

- | | |
|------------------------|--------------|
| e) DESIGN DISCHARGE | 34.13cumecs |
| 6. SURGE SLAFT | |
| a) DIAMETER | 8m |
| b) MAXIMUM SURGE LEVEL | EL.2675.00m. |
| c) MINIMUM SURGE LEVEL | EL.2590.0 m |

b) DIAMETER

- | | VERTICAL |
|-----------------------|--------------|
| c) INCLINATION | |
| 8. POWER HOUSE | |
| d) TYPE | UNDERGROUND |
| b) INSTALLED CAPACITY | 2 X 30MW |
| e) MAXIMUM TWL | EL. 2425.00m |
| d) MINIMUM TWL | EL. 2423.00m |

1. ALL DIMENSIONS ARE IN MM. & ELEVATIONS ARE IN METRES
UNLESS OTHERWISE SPECIFIED.

2. CONTOURS ARE BASED ON SOI TOPO SHEET NO. 53N/14
(1:50000 Scale)

PRE-FEASIBILITY REPORT
JELAM TAMAK H.E. PROJECT

CONSULTANTS:

WATER AND POWER
CONSULTANCY SERVICES (INDIA) LTD.

DRAWN BY:	DESIGN BY:	APPROVED BY:	SCALE
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