

STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES

PART-I

NAME OF SCHEME **Umngi Storage Stage-I, ROR/STORAGE, 54 (MW)**

GENERAL INFORMATION

- 1 State Meghalaya
2 Location East Khasi Hills District Concrete Gravity, Height: 74m Power
a). Latitude of Dam/ Power House : 25^o24' 10 N
b). Longitude of Dam/Power House : 91^o 35' 49" E

GENERAL LAYOUT/INDEX MAP MAY PLEASE BE FURNISHED

- 3 District : East Khasi Hills, Meghalaya
4 Nearest G&D Site : Dam Site
5 Catchment Area near G&D Site :79.00 Sq.Km
6 Status of availability of G&D Site
7 Basin/River : Umngi
8 Catchment Area (Sq.Km) : 79.00 Sq.Km.
9 Type of Scheme (ROR/Storage/PSS) : Storage
10 Firm Power (MWc) : 10.124 MU
11 Annual Energy Benefits (GWh)
12 Inter State Aspects : Does not arise
13 International Aspects : Do
14 Defence aspects : Do
15 R&R Aspects : Cultivable lands under the reservoir area.
16 Forest area involved : Marginal
17 Geological problems anticipated, if any : No
18 Accessibility-Nearest Rail head/Road : Guwahati (103 KM from Shillong)
and distance from the project
19 Upstreams Schemes, if any : No
20 Downstream Scheme, if any : Umngi Stage-II,III,IV & V.

PROJECTS FEATURES

- 21 Type of Diversion Structure : Concrete Gravity Dam.
a) Height(m) : 74.00 m
b FRL (m) : 1547.00
c MDDL (m) : 1526.00
d Live Storage (Mcum) : 59.51 Mcum.

22 Water Conductor System
a) Type : D-Shaped - R.C.C lined
b) Length : 5.36 Km
c) Diameter : 2.80m

23 Power House
a Type : Underground
b No. of units : 2
c Head (m) : 304.75m
24 Tail Race Water Conductor System
a Type : D- Shaped
b Length(m) : 1030.00m
c Size : 3.00 m
d TWL (m) : 1219.00 m (max M), 1217.50 m (min)

Please give brief details about the HE Scheme and enclosed a layout map

Name:

Designation:

Telephone No:

Fax No:

(Signature)

STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES

Part -II

**NAME OF SCHEME
SURVEY & INVESTIGATION**

**Quarter Ending: September, 2018
Umngi Storage Stage-I, HEP (54MW)**

- | | |
|---|---|
| 1 Date of Commencement of S&I | : 2005-2006 |
| 2 Likely date of completion of S&I | : 2018 |
| 3 Likely date of completion of DPR | : 2020 |
| 4 Estimated cost of S&I/DPR and | : 499.02 Lakhs |
| Phasing of Expenditure | |
| 5 Agency of Investigation (in case of Pvt.Agency, Name, Designation, complete address, telephone No. & Fax No.is to be indicated) | :Executive Engineer
: Investigation Div-1
: Me.ECL, Umiam |
| 6 Details of Physical Progress @ | Quantity Done / Quantity to be done |
| a) Tracer Path & Approaches | : 86% completed / Nil |
| b) Roads | : Yet to be taken up |
| c) Construction of Temp. Building | : 91 % Completed / Nil |
| d) Purchase of Special T&P | |
| e) Topographic Survey/Investigation | : 95% Completed /80% (New proposal). |
| f) Const.. Material (Survey/Testing) | : Yet to be taken up |
| g) Hydrological observation/ | : In progress |
| h) Meteorological | : In progress |
| i) Environmental Surveys | : Yet to be taken up |
| j) Programme of works during the year | : Topographical Survey Sub-surface investigation & Hydrometeorological data collection,const. material. |
| k) Overall progress of works | : 80.5 % Completed/30% (new proposal). |
| l) Geological and foundation investigation @ in case it is not possible to give tentative quantity , it should be given as percentage | : 63 % Completed/30% (new proposal). |
| Financial progress | |
| 7 Estimate cost of Survey & Investigation with price level year | : 499.02 Lakhs |
| 8 Expenditure incurred upto June, 2018 | : 185.341 lakhs |
| 9 Expenditure incurred upto Sept, 2018 | : 192.945 lakhs (including TDS)
the amount indicated for this quarter ending Sept2018 only works is included |
| 10 Budget Estimate yyyy-yy | |
| 11 Revused Estimate yyyy-yy | |
| 12 Budget Estimate yyyy-yy | |

(Signature)

Telephone No.Code No.....

Name

Fax No..... Code No.....

Designation