

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 House..Surface/UG Dam
a). Latitude of Dam/ Power House : 25⁰24' 10 N
b). Longitude of Dam/Power House : 91⁰ 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: March, 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	: 2019
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	: 79 % 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 Financial progress	: 63 % Completed/30% (new proposal).
7 Estimate cost of Survey & Investigation with price level year	: 499.02 Lakhs
8 Expenditure incurred upto December, 2017	:184.934 lakhs
9 Expenditure incurred upto March, 2018	:184.934 lakhs (including TDS) the amount indicated for this quarter ending March, 2018 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