

STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES

PART-I

NAME OF SCHEME Umngi Storage Stage- 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 reservior area.
- 16 Forest area involved : Marginal
- 17 Geological problems anticipated, if any : No
- 18 Accessibility-Nearest Rail head/Road and distance from the project : Guwahati (103 KM from Shillong)
- 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

Quarter Ending: March 2017

SURVEY & INVESTIGATION

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	: 78 % 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	: 62 % Completed/30% (new proposal).
7	Estimate cost of Survey & Investigation with price level year	: 499.02 Lakhs
8	Expenditure incurred upto Dec 2016	166.941 lakhs
9	Expenditure incurred upto March 2017	167.463 lakhs (including TDS) the amount indicated for this quarter ending March 2017 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

