

STATUS OF SURVEY & INVESTIGATION OF HE SCHEMES

PART-I

NAME OF SCHEME UMNGOT HEP ROR/STORAGE, 210 (MW)

GENERAL INFORMATION

- | | | | | |
|-----|------------------------------|------------------|-----|--------------------------------------|
| 1 | State | Meghalaya | | |
| 2 | Location | East Khasi Hills | Dam | Type Height Power House...Surface/UG |
| a). | Latitude of Dam/ Power House | | | : 25° - 21' - 38" |
| b). | Longitude of Dam/Power House | | | : 92° -6' -45" |

MAP MAY PLEASE BE FURNISHED

- | | | | | |
|----|---|--|--|------------------------------------|
| 3 | District | | | : East Khasi Hills |
| 4 | Nearest G&D Site | | | : Dam Site |
| 5 | Catchment Area near G&D Site | | | : 304.00Sq/Km |
| 6 | Status of availability of G&D Site | | | : |
| 7 | Basin/River | | | : Umngot |
| 8 | Catchment Area (Sq. Km) | | | : 304.00Sq. Km |
| 9 | Type of Scheme (ROR/Storage/PSS) | | | : Storage |
| 10 | Firm Power (MWc) | | | : 34.05MW |
| 11 | Annual Energy Benefits (GWh) | | | : 856.35 MKwh |
| 12 | Inter State Aspects | | | : Does not arise |
| 13 | International Aspects | | | : under process |
| 14 | Defence aspects | | | : under process |
| 15 | R&R Aspects | | | : Marginal cultivable lands |
| 16 | Forest area involved | | | : Marginal |
| 17 | Geological problems anticipated, if any | | | : No |
| 18 | Accessibility-Nearest Rail head/Road | | | : Guwahati (103Km from Shillong). |
| 19 | Upstreams Schemes, if any | | | : NIL |
| 20 | Downstream Scheme, if any | | | : Umngot Stage-II H.E.P(Proposed) |

CTS FEATURES

- | | | | | |
|----|----------------------------------|--|--|-----------------------|
| 21 | Type of Diversion Structure | | | : Concrete |
| a) | Height(m) | | | : 111.00m |
| b) | FRL (m) | | | : 1040.00m |
| c) | MDDL (m) | | | : 1010.6m |
| d) | Live Storage (Mcum) | | | : 41.34 Mcum |
| 22 | Water Conductor System | | | |
| a) | Type | | | : Modified horse shoe |
| b) | Length | | | : 5588.00m |
| c) | Diameter | | | : 3.60m |
| 23 | Power House | | | |
| a) | Type | | | : Surface |
| b) | No. of units | | | : 3 |
| c) | Head (m) | | | : 808.60m |
| 24 | Tail Race Water Conductor System | | | |
| a) | Type | | | |
| b) | Length(m) | | | |
| c) | Size | | | |
| d) | TWL (m) | | | 210.00m |

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

Quarter Ending: March 2017

NAME OF SCHEME

UMNGOT HEP

210 (MW)

- | | | | |
|----|---|--|--------------------------------------|
| 1 | Date of Commencement of S&I | : 2001-2002 | |
| 2 | Date of completion of S&I | : Completed (S&I additional work has been suggested by CWC,CEA, New Delhi and likely to be completed by 2018) | |
| 3 | Likely date of completion of DPR | : 2010 completed | |
| 4 | Estimated cost of S&I/DPR and Phasing of Expenditure | : 430.78 lakhs | |
| 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.E.C.L, Umiam | |
| 6 | Details of Physical Progress @ | | Quantity Done Quantity to be done |
| a) | Tracer Path & Approaches | : Completed | |
| b) | Roads | : Nil | |
| c) | Construction of Temp. Building | : Completed | |
| d) | Purchase of Special T&P | : Completed | |
| e) | Topographic Survey/Investigation | : Completed | |
| f) | Const.. Material (Survey/Testing) | : First test report received, another test to be carried out | |
| g) | Hydrological observation/ | : In progress | |
| h) | Meteorological | : In progress | |
| i) | Environmental Surveys | : In progress | |
| j) | Programme of works during the year | : DPR submitted | |
| k) | Overall progress of works | 91% (additional S&I work is suggested by CWC, CEA, New Delhi after examination the submitted DPR. | |
| l) | Geological and foundation investigation @ | : Sub-surface exploration in progres for additional items in case it is not possible to give tentative as recommended by GSI (DPR cell Delhi). quantity , it should be given as percentage Further sub- surface investigation will be taken up on Financial progress recommendation by the DPR panel | |
| 7 | Estimate cost of Survey & Investigation with price level year | : 430.78 Lakhs (2005 Price Level) | |
| 8 | Expenditure incurred upto Dec 2016 | 705.71 Lakhs | |
| 9 | Expenditure incurred upto Mar 2017 | :708.697 lakhs (including TDS) | |
| | | the amount indicated for this quarter ending March 2017 only works is included | |
| 10 | Budget Estimate yyyy-yy | | |
| 11 | Revised Estimate yyyy-yy | | |
| 12 | Budget Estimate yyyy-yy | | |

Telephone No.Code No.....

(Signature)

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

Name

Designation

