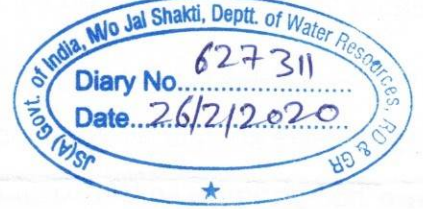


**GOVERNMENT OF ANDHRA PRADESH  
WATER RESOURCES (PROJ.I) DEPARTMENT**

**Letter No. ICD01-MJIROIC25/81/2019-PROJECTS-I, Dated.18/02/2020**

From  
The **SPECIAL CHIEF SECRETARY TO GOVT**  
Water Resources Department,  
Block-4, 1st Floor, A.P., Secretariat,  
Velagapudi, Amaravathi – 522503

To  
The Joint Secretary ,  
Ministry of Jal Shakthi,  
Department of WR, RD & GR ,  
Government of India,  
Shram Shakti Bhavan, Rafimarg,  
New Delhi- 110001(w.e)



*Di, PMC*  
*25/2/2020*

Sir,

Sub:-	WRD-Request for furnish of pending compliances on Detailed Project Report (DRP) of scheme titled "B.R.R Vamsadhara Project Phase-II of Stage-II Project".-Reg
Ref:-	From the Joint Secretary, Ministry of Jal Shakti, Dept of Water Resources, RD&GR, GOI, D.O.No.PMC-11/4/2019-PMC-DoWR. Dated.10.10.2019.

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In response to your D.O.letter cited, I herewith submit the following item wise replies in respect of pending compliances on Detailed Project Report (DRP) of scheme titled "B.R.R Vamsadhara Project Phase-II of Stage-II Project" for examine and take further action.

**(1) CONSENT OF THE HON'BLE VAMSADHARA WATER DISPUTE TRIBUNAL OF "B.R.R. VAMSADHARA PROJECT PHASE-II OF STAGE-II"**

The Hon'ble Vamsadhara Water Dispute Tribunal constituted by Central Government in its Final Order and Decision dated 13.09.2017, vide Clause III, has permitted the State of Andhra Pradesh to construct Side Weir along with ancillary structures as proposed. The State of Andhra Pradesh is permitted to withdraw water only up to 8.0 TMC from 1<sup>st</sup> of June to 30th of November every year through the Side Weir. The gates of the Head Regulator of Flood Flow Canal of the Side Weir shall be closed on 1st of December or earlier, as the case may be, i.e., as soon as the total

drawal of water equals to 8.0 TMC and the gates shall remain closed till 31<sup>st</sup> May of next year.

Therefore, the consent of the Hon'ble VWDT for the "B.R.R. Vamsadhara Project Phase-II of Stage-II" with utilization of 8.0 TMC has already been received.

Presently, hearings are ongoing on the Applications filed by the State of Odisha and the Ministry of Water Resources, Central Government separately seeking clarification/explanation and/or guidance with regard to the Final Order and decision dated 13.9.2017 rendered by the Hon'ble Tribunal under Section 5(2) of Act, 1956.

As the Hon'ble VWDT has already cleared for the utilization of 8.0 TMC under the Project subject to the condition stipulated, it is submitted that the above proceedings are not an impediment to place the proposal of the Detailed Project Report of B.R.R. Vamsadhara Project Phase-II of Stage-II for its technical clearance before the Technical Advisory Committee of CWC.

**(2) APPROVED YIELD SERIES OF HIRAMANDALAM RESERVOIR, SINGIDI & PARAPURAM BALANCING RESERVOIRS AND LOCAL DRAINS IN THE COMMAND OF FLOOD FLOW CANAL REQUIRED BY CWC**

It is submitted that the appraisal at Central Water Commission, New Delhi for obtaining clearance for Side Weir & ancillary works is being made by the Project authorities and the following is the status.

- Number of Directorates of CWC / Departments for which DPR referred to / circulated --- 8 Nos.
- Clearance accorded by CWC Directorates / Departments--- 7 Nos.
- Pending Clearances - 1 No. (Irrigation Planning Directorate). The BC Ratio Calculations calculated as 1.85 have been submitted to I.P. Directorate.
- The Directorate suggested to get the water availability computations vetted by the Hydrology (S) Directorate.
- The Hydrology (S) Directorate, CWC, New Delhi in letter No. 7/AP-82/2005-Hyd(S)/ 281-282, dated 19.12.2017 has communicated the series of divertible yields at Katragada and utilizable divertible yield Katragada, limited to 8.0 TMC in annual and monthly time scale, based on the observed flows at Kashinagar from 1982-83 to 2006-07.

In respect of appraisal at Irrigation Planning Directorate, the detailed report on the remarks raised and compliance attended by the Project authorities is as follows:

It is submitted that vide references, (a) Director, Irrigation Planning



Directorate, Central Water Commission, New Delhi communicated in letter No. 2/6333/1/ 79/2007/IP(S)/443, dated 07/2018; (b) Director, Project Appraisal (S) Directorate, CWC letter No. 6/126/2018-PA(S)/2730-32, dated 13.09.2018 cited, further remarks of Irrigation Planning Directorate, Central Water Commission, New Delhi on the Detailed Project Report of B.R.R. Vamsadhara Project Phase-II of Stage-II were communicated.

In this regard, the following item-wise replies were already submitted vide this office letter No. CE/ NC/VSP / DEE.1/AEE.10/1S-1399/Vol.21/624M, dated 16.11.2018.

1. The 10-daily demands under Flood Flow Canal and under Hiramandalam Reservoir i.e. for supplementing Right Main Canal and High Level Canal as per the approved cropping pattern have been reconciled with those which were finalized / accepted earlier.
2. The Hydrology (S) Directorate, CWC, New Delhi in letter No. 7/AP-82/2005-Hyd(S)/ 281-282, dated 19.12.2017 has communicated the series of divertible yields at Katragada and utilizable divertible yield at Katragada, limited to 8.0 TMC in annual and monthly time scale, based on the observed flows at Kashinagar from 1982-83 to 2006-07. The 10-daily inflows into Hiramandalam Reservoir is obtained after deducting the possible withdrawals under Flood Flow Canal from the 10-daily inflows over Side Weir finalized by Hydrology (S) Directorate.

Similarly, the Hydrology (S) Directorate, CWC, New Delhi in the letter cited above has also communicated the annual self catchment yields of Hiramandalam Reservoir, Singidi & Parapuram Balancing Reservoirs and of the local drains in the command of Flood Flow Canal. The soft copy of 10-daily self catchment yields finalized by Hydrology (S) Directorate has been obtained and the print outs of the same are herewith submitted.

3. As suggested, the working tables have been prepared duly checking the success / failure of Flood Flow Canal on 10-daily basis after supplementing the deficit from self catchment yields of Singidi & Parapuram balancing reservoirs and of local drains in the command of Flood Flow Canal and from ground water resources. The methodology adopted may be examined.

In response, the Director, Irrigation Planning Directorate, Central Water Commission, New Delhi in letter CWCID No. 2/148/ IP(S)/2013/1136-37, dated 08.03.2019; and further communicated in Director, Project Appraisal (S) Directorate,

CWC letter No. 6/126/2018-PA(S)/219-20, dated 14.03.2019 has remarked that "no attachments in respect of annual self catchment yields of Hiramandalam Reservoir, Singidi & Parapuram Balancing Reservoirs and of local drains in the command of Flood Flow Canal have been furnished along with the replies by the Project authorities and the Project authorities may be advised to submit the same duly approved from the Hydrology (S) Directorate, CWC for examination of working tables".

In this regard, it is submitted that the Hydrology (S) Directorate, CWC, New Delhi in letter No. 7/AP-82/2005-Hyd(S)/ 388-389, dated 09.12.2016 has communicated the approved annual self catchment yields of Hiramandalam Reservoir, Singidi & Parapuram Balancing Reservoirs and of the local drains in the command of Flood Flow Canal. However, for the preparation of working tables, 10-daily self catchment yields of above components are necessitated and in this regard, the Director, Hydrology (S) Directorate, CWC has communicated the soft copy containing the daily self catchment yield calculations of the above components through e-mail hydsouth@cwcdelhi.nic.in to the Project authorities on 17.11.2016. From the above daily yields communicated, the 10-daily self catchment yields were calculated and the printouts were enclosed with the booklets submitted.

However, the email attachment i.e. the soft copy containing the daily self catchment yield calculations of the above components as received from hydsouth@cwcdelhi.nic.in was forwarded to the email of Irrigation Planning (S) Directorate ipdte-cwcdelhi.nic.in. For the very purpose, Sri P.Nageswara Rao, Deputy Executive Engineer of Office of the Superintending Engineer, BRR Vamsadahra Project Circle, Srikakulam has personally attended Irrigation Planning Directorate, CWC, New Delhi on 03.04.2019. Further, the same e-mails were forwarded to ipdte@cwcdelhi.nic.in on 17.04.2019 and 24.04.2019.

It is therefore requested the Ministry of Jala Shakthi to kindly examine the e-mailed soft copy containing the daily self catchment yield calculations of Hiramandalam Reservoir, Singidi & Parapuram Balancing Reservoirs and local drains in the command of Flood Flow Canal.

Any further remarks in this regard will be attended by the Project authorities.



**(3) REVISE THE COST CHAPTER BASED ON THE LATEST SoR/PRICE LEVEL and SUBMIT TO CWC FOR EXAMINATION.**

The cost estimates of the Project connected with the 1<sup>st</sup> revised administrative approval accorded by the State Govt. for project cost of Rs. 1616.23 Crores in G.O. Ms No: 33, Dt:26.02.2016 have been scrutinized and the Cost Appraisal Directorate has finalized the Project cost for technical clearance in CWC for Rs.1497.24 Crores. However, the Project cost is again being reviewed and revised considering the additional quantities / new works during actual execution and in light of Government instructions for price adjustment towards Cement, Steel, Fuel, Labour, Machinery, Materials and other materials etc.; and the updated cost of the Project to the latest SoR/Price Level will be submitted to the Central Water Commission for its examination shortly.

Yours faithfully,

**SPECIAL CHIEF SECRETARY TO GOVT**

**Copy To:**

The Chief Engineer, North Coast, Visakhapatnam.