

Technical Reports Prepared (April, 2018 to March, 2019)

S.N.	Title.	Name of the Project
1	Report on Laboratory investigations of rock from Spillway (R N. 1/RM-L/CSMRS/E/04/2018)	Renukaji Dam Project, HP
2	Report on Field testing carried out during 2 nd visit of CSMRS team to Vyasi HE Project, Uttarakhand from 14 th to 16 th March'18 in connection with providing Quality Consultancy services as per 2 nd MoU executed between CSMRS & UJVN Ltd. (R N. 01/CSS/CSM/E/04/2018)	Vyasi HE Project, Uttarakhand
3	Report on Field testing carried out during 2 nd visit of CSMRS team to Vishnugad Pipalkoti HE Project, Uttarakhand from 19 th to 22 nd March'18 in connection with providing Quality Consultancy services as per 2 nd MoU executed between CSMRS & THDCIL (R N. 02/CSS/CSM/E/04/2018)	Vishnugad Pipalkoti HE Project, Uttarakhand
4	Report on Laboratory Investigations of construction material samples sent to CSMRS as per 2 nd MOU between CSMRS & UJVNL, from Vyasi HE Project, Dakpathar, Dehradun, Uttrakhand. (R N. 03/CSS/CSM/E/04/2018)	Vyasi HE Project, Dakpathar, Dehradun, Uttrakhand
5	Report on Laboratory Investigations of Cement, Coarse Aggregate and Crushed sand samples collected during 2 nd visit of CSMRS team to Vishnugad Pipalkoti HE Project, Uttarakhand from 19 th to 22 nd March'18 in connection with providing Quality Consultancy services as per 2 nd MoU executed between CSMRS & THDCIL. (R N. 04/CSS/CSM/E/04/2018)	Vishnugad Pipalkoti HE Project, Uttarakhand
6	Report on hydraulic fracturing tests at construction project near Visakhapatnam (R No. 1/RM-F/CSM/5/2018-19)	Visakhapatnam, AP
7	Report on the Instrumentation work for Structural Behavior Monitoring of Rihand Dam Project, U.P. (R No: 01 /W&I/CSMRS/ E/05/2018).	Rihand Dam Project, U.P
8	Report on Investigation of Rock Boulders& wire from Anti Erosion Phase III, Bihar (Under the compliance of Hon'ble High Court of Patna)- (R. No. 02/RM-L/CSMRS/E/06/2018.	Anti Erosion Phase III, Bihar
9.	Report on Soil Investigations (Phase-II) along the Proposed Alignment of the Wainganga-Nalganga Link Canal Project, (R No. 02/Soil-II/ CSMRS/E/06/2018)	Wainganga-Nalganga Link Canal Project, Nagpur (NWDA), Maharashtra
10.	Report on Carrying out ASR test of One CA & One FA sample from Jawaharpur Thermal Power Project, Etah (UP) (R. No. 06/CSS/CSM/I/06/2018)	Jawaharpur Thermal Power Project, Etah (UP)
11	Report on In-situ Shear Strength Parameters of Rock Mass at Left Bank Dam Site Drift of Devsari H.E.	Devsari H.E. Project, Uttarakhand

	Project, Uttarakhand (R No.: 03/RM-F/CSMRS/E/07/2018-19)	
12	Report on In-situ Deformability Characteristics of Rock Mass by Plate Load Tests in Left Bank dam axis drift of Devsari H.E. Project, Uttarakhand (R No.: 04/RM-F/CSMRS/E/07/2018-19)	Devsari H.E. Project, Uttarakhand
13	Final report on mix proportions for M25A20 (Pile), M25A20, M20A20, M30A20 & M15A20 grades of concrete with sind river sand & Chryso Ooptima S865 water reducing admixture for (R No. 03/C-I/CSMRS/E/07/2018)	Jawaharpur Thermal Power Project (2 x 660 MW), Etah, UP
14	Report on seismic refraction survey for HOD towers in the proposed Amaravati Capital, Vijayawada, AP (R. No 02/EG/CSMRS/E/08/2018-19)	Amaravati Capital, Vijayawada, AP
15	Report on Seismic Refraction Survey conducted at Assembly Building Area in the proposed Amaravati Capital, Vijayawada, A.P (R. No 02/EG/CSMRS/E/08/2018-19)	Amaravati Capital, Vijayawada, AP
16	Report on Joint Inspection of the Gararda Dam, Rajasthan by a Joint Team of CSMRS and Central Water Commission. (Report No. 02 /Soil- I/SM/CSMRS/E/08/2018)	Gararda Dam, Rajasthan
17	Report on the Compliance Statement for Left Main Canal and Head Works for the Polavaram Project, Andhra Pradesh. (Report No. 03/Soil- I/SM/CSMRS/E/08/2018)	Polavaram Project, Andhra Pradesh
18	Report on laboratory investigations of rocks from – Power House ‘Thana Plaun HE project, H.P.’ (R No: - 03/RM-L/CSMRS/E/08/2018).	Thana Plaun HE project, H.P
19	Quality Audit Report of Completed / Ongoing concrete structures along RMC, LMC and Head Works of Polavaram project, Andhra Pradesh (R No: 01/C-III/CSMRS/E/07/2018)	Polavaram Project, Andhra Pradesh
20	Interim report on Concrete Mix Design and related tests of Bhaunrat Dam Project, UP (R No: 02/C-III/CSMRS/E/08/2018)	Bhaunrat Dam Project, UP
21	Report on In-Situ Stress Measurements Using Hydraulic Fracturing Method in Power House Drift of Turga Pumped Storage Project, West Bengal (R No.: 8/RM-F/CSMRS/E/7/2017-18)	Turga Pumped Storage Project, West Bengal
22	Report on Deformability Characteristics of Rock Mass by Goodman Jack Tests Conducted at dam site of Kuri Gongri H.E. Project, Bhutan (R No: 5/RM-F/CSMRS/E/8/2018-19)	Kuri Gongri H.E. Project, Bhutan
23	Report on Seismic Refraction Survey of Kuri Gongri H.E. Project, Bhutan	Kuri Gongri H.E. Project, Bhutan

	(R No.: 03/CSMRS/ EG /E/09/2018-19)	
24	Report on “Foundation Investigations at the Spill Channel for the Polavaram Project, Dowliswaram, Andhra Pradesh” (R No.: 01/Soil-I/SM/CSMRS/E/05/2018)	Polavaram Project, Dowliswaram, Andhra Pradesh
25	Report on the Visit of Damanganga (Ekdare)-Godavari Valley Link Canal and Damanganga-Vaitarna Godavari Link Projects, Nasik, Maharashtra during 5th June to 8th June 2018. (R No.:04/Soil-I/SM/CSMRS/E/07/2018).	Damanganga (Ekdare)-Godavari Valley Link Canal and Damanganga-Vaitarna Godavari Link Projects, Nasik, Maharashtra
26	Report on the Compliance Statement received from Polavaram Project , Andhra Pradesh in regard of Quality Audit Conducted for the Left Main Canal and Head Works of Polavarm Project, Andhra Pradesh”. (R No.:05/Soil-I/SM/CSMRS/E/07/2018).	Polavarm Project, Andhra Pradesh
27	Report on the Visit of the Palamuru Rangareddy Lift Irrigation Scheme, Telangana for Slope Stability and Seepage Analysis of the earthen and ockfill bund of Reach-1, Reach-2 and Reach-3 of Anjanagiri Reservoir (Report No.:06/Soil-I/SM/CSMRS/E/08/2018).	Palamuru Rangareddy Lift Irrigation Scheme, Telangana
28	Report on Laboratory Investigations of Rock from Dam Axis & Power House of Kholongchhu HE Project, Bhutan (R No. 4/RM-Lab/CSMRS/E/9/2018).	Kholongchhu HE Project, Bhutan
29	Report on Laboratory Investigations of Kuri-Gongri HE Project,Bhutan (R No.6/RM-Lab/CSMRS/10/2018)	Kuri-Gongri HE project,Bhutan
30	Report on Physical & Chemical Properties of TMT Steel received from Vyasi HE Project, Uttarakhand. (11/CSS/CSM/E/10/2018)	Vyasi HE Project, Uttarakhand
31	Quality Audit Report of Completed/Ongoing Concrete Structures Along RMC, LMC And Head Works of Polavaram Project, Andhra Pradesh (Period June 2018 to August 2018) (R No. 03/C-III/CSMRS/E/10/2018)	Polavaram Project, Andhra Pradesh
32	Report on construction materials survey for suitability of rock and sand samples for use as coarse & fine aggregate in concrete for Sunni Dam HEP, HP (R No. 04/C-III/CSMRS/E/10/2018)	Sunni Dam HEP, HP
33	Report on Laboratory Investigations of Rock from WN Intrastate Canal Link Project (Phase-I), Maharashtra (R. No. 7/RM-Lab/CSMRS/E/11/2018)	WN Intrastate Canal Link Project (Phase-I), Maharashtra
34	Report on In-Situ Deformability Characteristics of Rock Mass by Plate Load Tests in Right Bank Dam Axis Drift (EL.1282 m) of Devsari H.E. Project, Uttarakhand (R. No. 06/RM-F/CSMRS/E/10/2018-19)	Devsari H.E. Project, Uttarakhand

35	Report on In-Situ Shear Strength Parameters of Rock Mass at Right Bank Dam Site Drift (EL. 1282 m) of Devsari H.E. Project, Tharali, Uttarakhand (R. No. 07/RM-F/CSMRS/E/10/2018-19)	Devsari H.E. Project, Tharali, Uttarakhand
36	Report on Laboratory Investigations of Rock from Wainganga Nalganga Canal Link Project (Phase II), Maharashtra (R. No. 8/RM-Lab/CSMRS/E/12/2018).	Wainganga Nalganga Canal Link Project (Phase II), Maharashtra
37	Report on field grain size analysis of rockfill materials collected from dump I of Polavaram Irrigation Project, A.P. to be used in U/s coffer dam. (Report No. 01/RF/RSD/CSMRS/E/12/2018)	Polavaram Irrigation Project, A.P.
38	Report on construction materials survey for suitability of rock and sand samples for use as coarse & fine aggregate in concrete for Umngot H E Project, Meghalaya (R No 05/C-III/CSMRS/E/12/2018)	Umngot H E Project, Meghalaya
39	Report on suitability test of second lot of rock samples for use as coarse aggregate in concrete for Sirkari Bhyol Rupsiabagar H. E Project, Uttarakhand (R No 06/C-III/CSMRS/E/12/2018)	Sirkari Bhyol Rupsiabagar H. E Project, Uttarakhand
40	Report on Test Results for Self-Drilling Anchor Rods from Koteshwar HE Project, Uttarakhand (R. No. 15/CSS/CSM/E/12/2018)	Koteshwar HE Project, Uttarakhand
41	Report on Carrying out ASR test of CA and FA sample from Kuri Gongri HE Project, Bhutan (R. No. 16/CSS/CSM/E/12/2018)	Kuri Gongri HE Project, Bhutan
42	Interim report on 10 nos. of Fly ash samples collected from Kahalgaon Super Thermal Power Plant, Bihar, for assessing their suitability for use in RCC Dam at PHPA-I Project, Bhutan. (R No. 05 C-I/CCD/CSMRS/E/12/2018)	PHPA-I Project, Bhutan
43	Report on Bearing Capacity of Foundation Strata at Dam Site of Phina Singh Medium Irrigation Project, Himachal Pradesh (R. No. 08/RM-F/CSMRS/E/1/2018-19)	Phina Singh Medium Irrigation Project, Himachal Pradesh
44	Report on Seismic Refraction Survey Conducted along the Alignment for the Proposed Iconic Bridge Across Krishna River at Vijaywada, Andhra Pradesh (R. No. 04/EG/CSMRS/E/01/2018-19)	Iconic Bridge Across Krishna River, Vijaywada, Andhra Pradesh
45	Report on Laboratory Investigations of Rock from Kholongchhu HE Project, (Surge shaft, Pressure shaft and HRT locations), Bhutan (R. No. 9/RM-Lab/CSMRS/E/1/2019).	Kholongchhu HE Project, Bhutan
46	Report on "Borrow Area Investigations for Earthen Dam for the proposed Sunni Dam Project, Himachal Pradesh (R. No.: 09/Soil-I/SM/CSMRS/E/01/2019).	Sunni Dam Project, Himachal Pradesh
47	Inspection Report on 4th visit of CSMRS Team to Vyasi HE Project (120 MW), Dakpathar, Dehradun,	Vyasi HE Project, Uttarakhand

	Uttarakhand from 26th to 28th December, 2018 in connection with Quality Consultancy Services as per the Second MoU between CSMRS and UJVNL (R. No. 18/CSS/CSM/E/01/2019)	
48	Report on deformability characteristics of carbonaceous phyllites in exploratory test drift of Kuri Gongri H.E. Project, Bhutan (R. No. 09/RM-F/CSMRS/E/02/2018-19)	Kuri Gongri H.E. Project, Bhutan
49	Report on in-situ shear strength parameters of carbonaceous phyllites in exploratory test drift of Kuri Gongri H. E. Project, Bhutan (R. No. 10/RM-F/CSMRS/E/02/2018-19)	Kuri Gongri H.E. Project, Bhutan
50	Report on lab investigation of rocks from 'Sunni Dam Project (Power House), Himachal Pradesh' - (R No. 10/RM-L/CSMRS/E/02/2019)	Sunni Dam Project (Power House), Himachal Pradesh'
51	Report on the Instrumentation work for the structural behavior monitoring of Rihand Dam Project, UP. (R No. 2/W&I/CSMRS/E/02/2019).	Rihand Dam Project, UP
52	Concrete Mix Design RCC (Non-Pumpable) proportion of M20A20, M20A40, M25A40, M30A20, M30A40 with Admixture and RCC (Pumpable) proportion of M20A20, M25A20, M30A20 with Admixture for Bhaunrat Dam Project, UP (R No. 01/C-III/CSMRS/E/02/2019)	Bhaunrat Dam Project, UP
53	Quality Audit Report Of Completed/Ongoing Concrete Structures Along RMC, LMCaAnd Head Works Of Polavaram Project, Andhra Pradesh (Period Oct 2018 To December 2018) (R No. 02/C-III/CSMRS/E/02/2019)	Polavaram Project, Andhra Pradesh
54	Report on Field testing carried out during 2 nd visit of CSMRS team to Tehri Pumped Storage Plant (4X250 MW), Tehri Garhwal, Uttarakhand from 28 th January to 31 st January, 2019 in connection with providing Quality Consultancy Services as per the 3 rd MoU between CSMRS and THDCIL. (R. No. (19/CSS/CSM/E/02/2019)	Tehri Pumped Storage Plant (4X250 MW), Tehri Garhwal, Uttarakhand
55	Report on "Borrow Area Investigations on the Soil Samples collected from the Approach Channel for the proposed Polavaram Irrigation Project, Andhra Pradesh" (R No.: 10/Soil-I/SM/CSMRS/E/02/2019).	Polavaram Irrigation Project, Andhra Pradesh"
56	Report on "Soil Investigations on the Plastic Clay Samples collected from the Dump Site for the proposed Polavaram Irrigation Project, Andhra Pradesh" (R. No.: 11/Soil-I/SM/CSMRS/E/02/2019)	Polavaram Irrigation Project, Andhra Pradesh"
57	Report on "Foundation Investigations at the junction of Spill Channel and the Pilot Channel for the proposed Polavaram Irrigation Project, Andhra Pradesh" (R. No.: 12/Soil-I/SM/CSMRS/E/02/2019).	Polavaram Irrigation Project, Andhra Pradesh"

58	Report on “Foundation Investigations at the Left Bank of Spill Channel for the proposed Polavaram Irrigation Project, Andhra Pradesh” (R. No.: 13/Soil-I/SM/CSMRS/E/02/2019).	Polavaram Irrigation Project, Andhra Pradesh”
59	Report on “Laboratory testing of Geotextile Filter (Non-woven) for Swan River Flood Management Project Division, Haroli, Distt.-Una, Himachal Pradesh” (R. No. 02/Geosynthetics/RSD/CSMRS/E/02/2019)	Swan River Flood Management Project Division, Haroli, Distt.-Una, Himachal Pradesh
60	Report on “Laboratory testing of Geotextile Filter (Non-woven) for Flood Protection Division, Gagret, Distt. -Una, Himachal Pradesh” (R. No. 03/Geosynthetics/RSD/CSMRS/E/02/2019).	Flood Protection Division, Gagret, Distt. -Una, Himachal Pradesh
61	Report on “Laboratory testing of Geotextile Filter (Non-woven) for Irrigation cum P.H. Division, Tehsil Indora, Distt. Kangara, Himachal Pradesh” (R. No. 04/Geosynthetics/RSD/CSMRS/E/02/2019).	Irrigation cum P.H. Division, Tehsil Indora, Distt. Kangara, Himachal Pradesh
62	Project report has been sent to project authority pertaining to quality assurance works of the upstream coffer Dam of Polavaram Irrigation Project, A.P. (R. No. 01/RF/RSD/CSMRS/E/02/2019)	Polavaram Irrigation Project, A.P.
63	Report on Plate Load Tests in Powerhouse drift at Thana Plaun H.E. Project, Himachal Pradesh. (R. No. 11/RM-F/CSMRS/E/03/2018-19)	Thana Plaun H.E. Project, Himachal Pradesh.
64	Report on Plate Load Tests in dam site drift (Right Bank) at Thana Plaun H.E. Project, Himachal Pradesh. (R. No. 12/RM-F/CSMRS/E/03/2018-19)	Thana Plaun H.E. Project, Himachal Pradesh.
65	Report on shear Tests in dam site drift (Right Bank) at Thana Plaun H.E. Project, Himachal Pradesh. (R. No. 13/RM-F/CSMRS/E/03/2018-19)	Thana Plaun H.E. Project, Himachal Pradesh.
66	Report on Instrumentation work of Underground Powerhouse of Sardar Sarovar Project, Gujarat for the period from 01-04-2018 to 31-03-2019. (R. No:3/W&I/CSMRS/E/03/2019)	Sardar Sarovar Project, Gujarat
67	Tour report in respect of 7 Officers from CSMRS to Bhutan for carrying out foundation investigations at Dam Slopes, Upstream Cofferdam, Downstream Cofferdam, Dam Axis and Pothead Yard at Kholongchhu Hydro-Electric Project, Bhutan from 21.01.2019 to 04.02.2019 (R. No. 14/Soil-I/SM/CSMRS/E/02/2019)	Kholongchhu Hydro-Electric Project, Bhutan
68	Tour report on the visit of CSMRS team for Quality Assurance Programme for the rehabilitation work of Gararda Dam Project, Rajasthan from 20.02.2019 to 23.02.2019 (R. No.: 15/Soil-I/SM/CSMRS/E/03/2018)	Gararda Dam Project, Rajasthan
69	Report on Laboratory Investigations of Cement, Coarse Aggregate, FA, MS, Admixture, Accelerator, Construction water samples collected during 2nd visit of CSMRS team to PSP Tehri Project, Uttarakhand from 28th January to 31st January, 2019 in connection with providing Quality Consultancy services as per 3rd MoU executed between CSMRS & THDCIL.	PSP Tehri Project, Uttarakhand

	(R. No. 22/CSS/CSM/E/03/2019)	
70	Inspection Report on 5th visit of CSMRS Team to Vyasi HE Project (120 MW), Dakpathar, Dehradun, Uttarakhand from 26th to 6th to 8th March, 2019 in connection with Quality Consultancy Services as per the Second MoU between CSMRS and UJVNL (R. No. 23/CSS/CSM/E/03/2019)	Vyasi HE Project (120 MW), Dakpathar, Dehradun, Uttarakhand
71	Report on quality assurance works of Kanhar Irrigation Project, Uttar Pradesh (R. No. 03/RF/RSD/CSMRS/E/04/2019).	Kanhar Irrigation Project, Uttar Pradesh