

OUTLOOK 2006-07

NPCC operated in the diverse fields of projects. The brief of which is given as under:-

Hydro Electric Sector: NPCC entered in to this sector with construction of Nepal Hydro Project on river Gandak in 1969 and subsequently successfully completed works related to many Power Houses namely Banswara in Rajasthan, Salal, J&K, Tanakpur & Rajghat in U.P, Jal Dhaka and Ramam in W.B, Loktak in Manipur, Gumti in Tripura, Rangit in Sikkim, Subernrekha in Jharkhand & Dehri on sone in Bihar, Teesta Canal Fall Hydro Electric Projects for West Bengal State Electricity Board. The HRT and Surge Shaft works costing Rs. 145 crores in Maneribhali Hydro Project are under execution for Uttaranchal Jal Vidyut Nigam.

Bridges & Flyovers: NPCC entered in to this sector by taking entire civil works from Esplanade to Bhawanipore station for prestigious underground mass rapid transport system for Kolkata. NPCC also completed MRTS works at Chennai



involving launching of Pre-stressed box girder of 25 meters span each weighing 250 MT and also constructed elevated Railway Station. NPCC in past successfully

completed major bridges at Vellore & Royapuram in Tamilnadu, Manjari in Karnatka, National college flyover at Bangalore, Abhoynagar, Durga Chaumuni and Salema in Tripura, Kandla Port Trust in Gujarat, Chenab Bridge in J&K, Rohtak & Sewa Nagar Flyover in Delhi, Rail cum Road Bridge at Rihand in U.P., ROB in Trichy and Kanchipuram in Tamilnadu, three numbers of Bridges in Tripura and various Bridges in Kanpur. NPCC is currently executing Flyover at Noida costing Rs. 83 Crore, Bondel gate Flyover PH-I Rs. 2.80 Crore.

Roads: NPCC in past successfully executed internal and external Roads for Power Projects, township, steel plants, district roads, rural roads under PMGSY Jhabua in M.P and at Jayant in U.P. & Bihar. Ministry of Rural Development has awarded PMGSY works in Bihar on PMC basis costing more than Rs. 800 Crore. NPCC is also



executing major road works for Indo-Bangladesh Border works in Tripura and Mizoram costing more than Rs. 100 Crore. During the year under report NPCC has completed the road works in and around Durgapur Steel Plant.

Building & Township: NPCC in past successfully executed many important Buildings namely Lok Nayak Bhawan at Patna, Dot, Guwahati, WTCER, NRCWA for ICAR in Orissa, DSIDC at Delhi, CARI works in Port Blair, Remodeling of Bus Stand at Bangalore in Karnataka and various Industrial Structures of RCC & Steel. NPCC is currently executing building



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works for Assam Rifles in North Sector costing Rs. 350 Crore, CRPF building in Delhi, and Guwahati, Housing Complex for Sipat STPP, Talchar STPP, College of fisheries at Agartala, College of Horticulture at Pasighat, Arunachal Pradesh for CAU, Building for MES at Dehradun, During the year under report, the Corporation has completed Assam Rifle work at different location in the States of Nagaland, Mizoram, Arunachal Pradesh, Tripura, Sikkim and Meghalaya for value of Rs. 120 Crore. During the year under report NPCC has completed the construction of Horticulture at Pasighat PH-I. Non residential at various locations in Moradabad. Construction of Patel Chest Institute Delhi Rs. 12.41 Crore. During the year under report NPCC have award the work of Hindustan Aeronautics Limited of 68 Crore, New Technical Institute Building of Ramgarh & Polytechnic in Jharkhand etc. of Rs. 50 Crore & the work of DMRC Lab & Administrative Building at Jodhpur.

Tunnels/Underground works: NPCC is pioneer in tunneling works and has successfully completed works at various locations in the country through most difficult terrain and non-predictable geological conditions namely Chennai



Tunnel, Salal, Chamera, Indravati, Subernrekha, Chukkha in Bhutan, Kangan, Bailadila, Tehri and Vaishnodevi. NPCC currently is executing major tunnel works for KRCL at Jammu connecting Katra-Laole section costing Rs. 250 Crore. NPCC is also executing HRT tunnel & surge shaft at Maneribhali costing more than Rs. 150 Crore.

Border Fencing and Roads: NPCC has entered in the field of Border management works of fencing and construction of Border roads. The Ministry of Home Affairs has entrusted the work cost-

ing more than Rs. 1200 Crores on nomination basis. In addition to the above the MHA is also expected to entrust the Construction and repair and maintenance of new and existing BOP the expected value of which is around Rs. 100 Crore. Work costing more than 280 Crore has been completed. Corporation has deployed resources and efforts to complete the work with in the schedule time which is a challengeable job considering its remoteness and militancy prone area.



The work of our Corporation has so much been appreciated that MHA have further decided to allot the work of border Roads and Indo-Tibetan Border in Himachal Pradesh, J&K and Uttranchal which is costing around Rs. 200 Crore.

Thermal Power Sector : NPCC entered in to this Sector in 1962 with the Construction of Amarkantak TPMPSEB in



the State of Madhya Pradesh and Durgapur TPS for DVC in West Bengal and subsequently successfully completed major civil works including heavy machine foundations for TG Cooling Tower, RCC Stacks, CW system, coal handling system, fuel oil facility and other allied civil works for Anpara, Rihand, Farakka, Ramagundam, Singrauli, Vindhyanagar, Korba, Talcher, Kahalgaon, Bokaro, Mejia and Unchahar etc. During the year under report the Corporation has completed the BTPS Ash Dyke work in Dellhi, Building work for Sipat STPP in Chhattisgarh. NPCC is currently executing several major engineering works for

Maharashtra State Electricity Board at Parli and Paras TPS and for NTPC at Kahalgaon, Talcher and Sipat. NPCC is also executing TPS at Birsinghpur in M.P for BHEL/MPEB costing Rs. 40 Crores.

Dams: NPCC entered in to this Sector with Construction of Earthen Dam across the river Badua and Chandan in Bihar. NPCC in past has successfully constructed several Dams namely pench, Mulla Dam & Totladoh in Maharashtra, Singda



Dam in Manipur, Rajghat in U.P., Baira dam for Bairasuil HEP, Hidkal Dam, Salal concrete Dam, Hasdeo, Eastern Dam and Suthna Earthen Dam. During the year under report NPCC have completed Khuga Dam costing Rs. 38 Crore and Jobat Dam in M.P costing Rs. 45 Crore.

Barrages: NPCC entered in to this Sector with Hasdeo Barrage in M.P. in 1962 and since then constructed major Barrages like Godavari in A.P., Farakka in W.B, Trishli Barrage in Nepal, Gandak Bhim Barrage in Bihar, lthaibarrage in Manipur, Gumti, Manu Barrage, Khowai in Tripura, Wazirabad across river Yamuna in Delhi and Ponnai in A.P. Presently NPCC is executing Barrages at Kalshi in Tripura costing Rs. 21 Crore and Dolaithabi barrage in Manipur costing Rs. 31 Crore.

Irrigation/Canals: NPCC on past has successfully executed canal works at Sabalgarh, Chambal, Sheopur, Indrasagar Project at Khandwa in M.P., Sharda Sahayak Canal in U.P.,



Kalsindh & Parwan aqueducts in Rajasthan, Kunwari aqueduct across river Kunwari in M.P., Power Channel for Subernrekha HEP, Jharkhand, Bagmari Siphon in Farakka, Aquaduct in Gotegaon and Bariyarpur Canal in M.P and International Project of Al-Edawiyah in Iraq during the year under report. NPCC has executed canal works at Mirzapur costing Rs. 44.60 crores for U.P., during the year under report NPCC have completed the Left Afflux Bund at Kanpur Rs. 25.75 Crore.

Industrial Structures: NPCC entered in to this Sector in 1980 with Vishakhapatnam Steel Plant, involving construction of Sinter Plant, Coke Oven batteries & complete bye-product Plant and since then completed



works for Wheel & Axle plant for Railways, koyal oil Refineries, Dalla & Khrew Cement Factories, Khetri Copper Project, Jayant Coal Handling Plant, Rourkela Steel Plant, Paper & pulp factory at Nagaland & field base and central workshop at Jayant.

PHE & Environment: NPCC in past has successfully completed sewerage system at Thiruvananthapuram for Kerla Water Authority and at Gawalior for M.P. PHE Department, Water Treatment Works at Bangalore in Karnataka.



Presently NPCC is executing major storm water surface drain for Bangalore Mahanagar Palika with Project costing Rs. 62 Crores.