

Appendix 1.1

(Paragraph No. 1.1 & Page No.4)

Statement showing the purpose and benefits of the Project

Purpose	Benefits
Irrigation & Domestic water supply	Two main canals, Left Main Canal (LMC) and Right Main Canal (RMC) are designed to meet the irrigation demand, drinking water through distributaries in the erstwhile districts of East and West Godavari, Visakhapatnam, and Krishna. Envisaged to irrigate 2.91 lakh hectares (7.20 lakh acres) of agricultural upland areas and supply drinking water to 28.50 lakh population in 611 villages enroute RMC and LMC.
Inter-linking of Rivers	Diversion of 80 TMC of Godavari water through RMC of the Project to Krishna River and to augment availability of irrigation water of Krishna Delta. The water so saved ³²² in Krishna delta would be used in upper reaches of River Krishna for irrigating needy areas in the States of Karnataka, Maharashtra and Andhra Pradesh.
Industrialisation	Envisaged assured water supply of 23.44 TMC to the city of Visakhapatnam for industrial needs of Steel Plant and other major Public Sector Undertakings (PSUs) ³²³ facilitating industrial growth and employment creation.
River Navigation	River Navigation is proposed to be continued even after construction of Earth-Cum-Rock Fill (ECRF) dam from upstream of the river to Dowlaiswaram. A leading channel is proposed, taking off from the foreshore of the reservoir on the left flank, with a Head Regulator and navigation lock to facilitate river navigation at the entrance of the proposed free flow tunnel. <p style="text-align: center;">Picture 42: Navigation Channel</p> 
Power Generation	Andhra Pradesh Power Generation Corporation (APGENCO) a State-owned power generation company shall construct Polavaram Hydro Electric Project

³²² 35 TMC to the States of Maharashtra and Karnataka and the remaining 45 TMC to Andhra Pradesh

³²³ Hindustan Shipyard Limited, Visakhapatnam Port Trust, Gangavaram Port, Eastern Naval Command, Bharath Heavy Plates and Vessels, Hindustan Petroleum Corporation Limited Refinery, Coromandel Fertilisers, Hindustan Zinc Limited

(PHEP) with capacity of 960MW at the location of 'D' hill on left side of the ECRF dam. PHEP involves the installation of 12 power generation units of 80MW each. The project would provide hydropower to the State connected to the State Power Grid.

Appendix 1.2

(Paragraph No.1.1 & Page No.4)

Statement showing the various components of the Project

Name of the Component	Description
Headworks	
(a) ECRF Dam	To facilitate storage of water, the construction of ECRF dam was proposed across the river Godavari, diverting the flood water by excavation of Approach Channel with Spillway to regulate the discharge.
(b) D-Wall	To arrest the seepage of stored water across ECRF Dam in the main river course, a D-Wall is proposed beneath ECRF dam.
(c) Spillway	The Spillway part of the project comprises of an Ogee Spillway with crest level at Elevated Level (+)25.72 m located on the right bank along with connecting Approach Channel of 2,310 m length on the upstream of Spillway. Stilling basin is provided downstream of Spillway for energy dissipation. The Spill Channel of 2,920 m length takes off from the stilling basin which joins the Pilot Channel and finally joins the river at the downstream. The total width of Spillway at its axis inclusive of left and right abutment piers is 1,118.40 m whereas the clear width of Spillway is 768 m. The Spillway is provided with 48 numbers of Radial Gates of size 16 m (width) x 20 m (height). The Full Reservoir Level (FRL) is at EL (+)45.72 m. The probable maximum flood (PMF) is estimated as 1,41,535 cubic metre/second (about 50 lakh cusec).
(d) Connectivities	To release the stored water into canals through gravity, connectivities are proposed with tunnels, Head Regulators and saddle dams on the right and left sides.
(e) Navigation Canal	To enable navigation, obstructed due to construction of ECRF dam and Spillway, a navigation canal with suitable locks is proposed to be provided.
Powerhouse	
	The Powerhouse with installed capacity of 960 MW involves construction of tunnel for penstocks ³²⁴ on the left flank side. After generation of power, the water would be let out into the river downstream through a tail race channel.
Canals & Distributaries	
Canals	Two main canals, LMC and RMC, are lined canals and off-take on each side of the dam. The main components of both the canals include Earthwork excavation, Cement Concrete Lining and CM & CD structures. Both the canals are designed to meet the irrigation, drinking water requirements of erstwhile districts of East and West Godavari, Krishna and Visakhapatnam and industrial water requirements of Visakhapatnam city.

³²⁴ a group of pipes that transport pressurised water from reservoir to the turbines installed in the hydro-electric power plant

(a) Left Main Canal (LMC)	The LMC, a lined canal, takes off from the Nelakota subsidiary reservoir and runs to a length of 211.27 Km. The canal crosses six major streams viz. Sarada, Mamidivaka Gedda, Varaha, Thandava, Yerra, Buradakalva. LMC is designed to provide irrigation facilities to an extent of 1.62 lakh hectares (four lakh acres) of ayacut in the erstwhile districts of East Godavari and Visakhapatnam besides industrial and water supply of 23.44 TMC of Godavari water to Visakhapatnam city.
(b) Right Main Canal (RMC)	The RMC, a lined canal, takes-off from the Head Regulator in the stilling basin and runs for a length of 178.81 Km crossing five major streams viz., Kovvadakalava, Yerrakalava, Gunderu, Tammileru and Ramileru before emptying into Budameru near Vijayawada city. The water meant for diversion to Krishna River would pass through the existing Budameru Diversion Canal and joins Krishna River about 8 Km upstream side of Prakasam Barrage. The RMC is designed to provide irrigation facilities to an extent of 1.29 lakh hectare (3.20 lakh acres) of ayacut in upland areas of West Godavari and Krishna Districts besides diversion of 80 TMC of Godavari water into Krishna River near Vijayawada city as per GWDT Award.
(c) Distributaries	The preparation of DPR in respect of Distributaries is under process by the Department.
Land Acquisition	
	Land Acquisition (LA) involves alienation of land, buildings, or other assets in the affected area of the Project. PIP mainly consists of three categories of affected areas <i>i.e.</i> , Works area, Submergence area and area for R&R activities which require LA.
Rehabilitation and Resettlement	
	R&R entitlements, such as provision for housing units for displaced families, land-to-land to the eligible PDFs and cash benefits like annuity, subsistence grant and transportation cost for all the affected families with basic minimum infrastructural amenities to be provided at the cost of the Requisitioning Authority to ensure that the resettled population in the new village or colony can secure for themselves a reasonable standard of community life and can attempt to minimise the trauma involved in displacement.

Appendix 2.1 (A)

(Paragraph No. 2.2.1 & Page No.18)

Statement showing various contract agencies involved in execution of Headworks

Package Number	Components of works	Old contract agency and date of entrustment	Name of the new contract agency and date of entrustment	Whether SOR revised	Reasons for closure of earlier contract/entrustment to new contract agency
Main Dam Package					
Investigation, Survey, Preparation of Designs & Drawings and L.P. Schedules <i>etc.</i> , (Balance) and (1) Construction of Earth Dam Gaps I & III, Earth Cum Rock Fill Dam for Gap-II, Spill Channel, Approach Channel and Pilot Channel (2) Construction of Spillway with crest level (+) 25.72 m and its ancillary works and (3) Excavation of foundations of 960 MW Hydro Electric Powerhouse, Approach Channel, Intake structure, Tail race pool, Tail race channel <i>etc.</i> , of Polavaram Irrigation Project and O&M for five years including defect liability period.	-Earth Dam Gaps I & III -Earth-Cum-Rock fill Dam for Gap-II	M/s. Transstroy JSC EC UES-JV, Hyderabad Agreement No.1/2012-13, dated 02.03.2013	M/s. Navayuga Engineering Company Limited, Hyderabad Lumpsum Agreement No. 01/2017-18, dated 27.02.2018	No	To improve the rate of progress.
	-Spillway -Up-stream & Down-stream Coffer dams -Approach Channel -Spill Channel -Pilot Channel -Excavation of foundations of 960 MW Hydro Electric Powerhouse, <i>etc.</i>			M/s. Bekem Infra Projects Limited, Hyderabad EPC Agreement No.01/2018-19, dated 10.12.2018	No
Balance works of "Investigation, Survey, Preparation of Designs & Drawings and L.P. Schedules <i>etc.</i> (1) Construction of Earth Dam Gaps I & III, Earth-Cum-Rock fill Dam for Gap-II, Spill Channel, Approach Channel and Pilot Channel (2) Construction of Spillway with crest level (+) 25.72 m and its ancillary works and (3) Excavation of foundations of 960 MW Hydro Electric Powerhouse, Approach Channel, Intake structure, Tail race pool, Tail race channel, <i>etc.</i> , of Polavaram Irrigation Project and O & M for five years including defect liability period of two years.	-Earth Dam Gap-I -Earth Cum Rock Fill Dam for Gap-II	1) M/s. Navayuga Engineering Company Limited, Hyderabad Lumpsum Agreement No. 01/2017-18, dated 27.02.2018.	M/s. Megha Engineering & Infrastructures Limited, Hyderabad Lumpsum agreement No.01/2019-20, dated 08.11.2019.	No	To improve the rate of progress and to complete the project at the earliest.
	-Spillway -Radial Gates - Up-stream & Down-stream Coffer dams -Approach Channel -Spill Channel -Pilot Channel -Excavation of foundations of 960 MW Hydro Electric Powerhouse, <i>etc.</i>		2) M/s. Bekem Infra Projects Limited, Hyderabad EPC agreement No. 01/2018-19, dated 10.12.2018.		
Connectivity Packages					
Package No.65 Investigation, Soil exploration, preparation of designs, drawings and detailed estimates for the construction of Tunnel of about 919 m long, and Left flank regulator including its construction for	-Irrigation Tunnel -Head Regulator -Navigation Lock -Approach Channel-I & II -Exit Channel -Navigation Channel.	M/s Unity Infra Project Limited, Rajamahendravaram dated 16.03.2005	M/S Max Infra (I) Limited, Hyderabad dated 09.03.2019	Yes 2018-19	The Government have accorded (Memo No. ICDO1-19052/22/2018-PROJ.I-WRD, dated

the left side connectivities of Indira Sagar Polavaram Project on EPC Turnkey system.					4.11.2018) permission to terminate the contract under clause 72 of PS to APDSS.
Package No.65 Construction of Irrigation tunnel about 919 m long, Left Flank Head Regulator, Navigation Lock, Excavation of Approach Channels (I & II), Exit Channel and Navigation Channel (Balance Work)	-Irrigation Tunnel -Head Regulator -Navigation Lock -Approach Channel-I, II -Exit Channel -Navigation Channel.	M/s Max Infra (I) Limited, Hyderabad dated 09.03.2019	M/s Max Infra(I) Limited, Hyderabad dated Dt:22.11.19	No	The work was pre-closed as per the L.S contract agreement clause 7.3 for convenience.
PIPHW-Package No.66 Investigation and soil exploration, Preparation of designs, drawings and detailed estimates for the Construction of Navigation Tunnel of about 890 m long, saddle dam 'KL' and off take regulator including its constructions for left side connectivities of Indira Sagar Project (Polavaram Project) on EPC turnkey system including additional quantities of saddle dam KL and additional items depletion sluice, open cut and dismantling of Pushkra pipelines.	1.Navigation Tunnel 2. Approach Channel 3.Exit Channel 4.Saddle Dam 'KL' 5.Depletion Sluice 6.Open Cut	M/s. Sri Avantika - Sai Venkata (JV), Nellore.	-	-	-
Package No.67 Investigation, Soil exploration, preparation of designs, drawings and detailed estimates for the construction of Navigation lock left side and Navigation canal leading to river Godavari including its construction for the left side connectivities of Indira Sagar (Polavaram) Project on EPC Turnkey system.	Navigation Canal - High Head Locks	M/s Sri Jaya K.Siva Rao(JV), Hyderabad	-	-	-
Package No.62 Investigation, Soil exploration, Preparation of designs, drawings and detailed estimates for the construction of right flank regulator and off take regulator, saddle dam E & F including its construction for right side connectivities of Indira Sagar Polavaram Project on EPC Turnkey System.	Head (P) Regulator - Saddle Dam E - Saddle Dam F - Off Take Regulator	M/s Hindustan-Ratna (JV), Hyderabad	-	-	-
Package No.63 Investigation, Soil Exploration, Preparation of Design, drawing and Detailed Estimate for the construction of Tunnel of about 900 m long, excavation of Entry & Exit Channels, formation of Bunds	1.Entry Channel 2.Twin Tunnels 3.Exit Channel 4.Bunds I & II	M/s SMSIL - UANMAX (JV), Hyderabad	-	-	-

to create stilling basin at off take regulator including its construction for right side connectivities of Indira Sagar Polavaram Project on EPC Turnkey System.					
Package No.64: Investigation, Soil Exploration, Preparation of Design, drawing and Detailed Estimate for the construction of Tunnel of about 880 m long, excavation of Entry & Exit Channels including its construction for right side connectivities of Indira Sagar (Polavaram) Project on EPC Turnkey System.	1.Entry Channel 2.Twin Tunnels 3.Exit Channel 4.Bunds I & II	M/s. MAX (I) Infra Limited, Hyderabad)	-	-	-

Appendix-2.1 (B)

(Paragraph No. 2.2.1 & Page No. 18)

Statement showing various contract agencies involved in execution of Canals

A. Left Main Canal

Package Number	Components of work	Old Contract agency and date of entrustment	New Contract agency and date of entrustment	Whether SOR revised	Reasons for closure of earlier contract and Entrustment to new contract agency
Package-1	Earthwork Excavation, Cement Concrete lining & CM & CD Works	M/s Progressive Construction Limited, Hyderabad, Agreement No. 75SE/2004-05, dated 20.03.2005.	M/s Surya Cons Private Limited Agreement No. 18/2017-18, dated 22.06.2017.	No	Due to Slow progress of work, part of work was deleted and entrusted to new agency under clause 60 (C) PS to APDSS.
Package-2	Earthwork Excavation, Cement Concrete lining & CM & CD Works	M/s Patel - Soma (JV) Hyderabad Agreement No.72/2004-05, dated 17.03.2005	--	Not Required	Work Completed. Final Bill is pending for payment.
Package-3	Earthwork, Lining, Structures	M/s Maytas-NCC(JV), Hyderabad Agreement No. 73/2004-05, dated 19.03.2005	M/s KVM Projects, Hyderabad	No	The Principal Secretary to the GoAP, Water Resources Department conducted a review meeting on 15.03.2016 on progress of PIPLMC Packages and instructed to delete the part of work from the scope of original contract agency and entrust the work to the other contract agency under clause 60(C) of PS to APDSS on nomination basis at original agreement rates.
Package-4	Earthwork, Lining, Structures	M/s Sabir Construction Works, Hyderabad Agreement No. 79/2004-2005, dated 23.03.2005	M/s RSR-Sagittal infra Projects, Rajamahendravaram	No	
Package-5	Earthwork, Lining, Structures	M/s. Sabir Dam & Water Works Construction Company, Hyderabad. Agreement No. 80/2004-05, dated 23.03.2005	M/s PSK-HES(JV), Hyderabad, dated 28.12.2016	No	
Package-6	Earthwork, Lining & Structures	M/s Madhucon Sino Hydro (JV), Hyderabad. Work Entrusted on 23.03.2005.	M/s BSR Infratech India Private Limited Yadhita, East Godavari District.	No	Work was pre-closed by Government.

Package-7	Earthwork, Lining & Structures	M/s KCL-JCCG(JV) Ahmedabad.	--	No	Work in Progress.
Package-8	Earthwork, Lining & Structures	M/s IVRCL-SEW & Prasad (JV), Hyderabad	--	No	Pre-closure awaited.
Package 8A	Earthwork	M/s IVRCL-SEW & Prasad (JV), Hyderabad	M/s ACL-RKICPL (JV), Hyderabad for ₹58.11 crore vide Government Memo No:19052/145/2017-PROJ – I- WRD, dated 29.12.2017, SE/PIPLMC/TUNI Lr.No: 89M dated 29.01.2018	No	Since 2011 there was no response from the Agency M/s. IVRCL - SEW & Prasad (JV), Hyderabad. Some portion of work deleted from this agency. A part of balance works were deleted from the existing agency and entrusted to M/s ACL-RKICPL (JV), Hyderabad & M/s RKN Projects Private Limited, Nellore vide GoAP Memo. No.19502/145/2017-PROJ-I-WRD, dated 29.12.2017 under Clause 60 (C) duly retaining a part of work with the original agency.
	Lining	M/s IVRCL-SEW & Prasad (JV), Hyderabad			
	Structures	M/s IVRCL-SEW & Prasad (JV), Hyderabad			
Package 8B	Earthwork	M/s IVRCL-SEW & Prasad (JV), Hyderabad	M/s RKN Projects Private Limited, Nellore for ₹6.58 crore vide Government Memo No.19052/145/2017-PROJ-I-WRD, dated 29.12.2017, SE/PIPLMC/TUNI Lr.No.89M dated 29.01.2018.	--	
	Lining	M/s IVRCL-SEW & Prasad (JV), Hyderabad			
	Structures	M/s IVRCL-SEW & Prasad (JV), Hyderabad			

B. Right Main Canal

Package Number	Name of the Component	Old Contract agency and date of entrustment	New Contract agency and date of entrustment	Whether SOR revised	Reasons for closure of earlier contract/entrustment to new contract agency
Package -1	Earthwork Excavation forming embankment and Construction of CM & CD Works including investigation, designing estimation of Polavaram Irrigation Project Right Main Canal Package I, From Km 0.000 to Km 14.800+0.006.	M/s Patel Soma (JV), Hyderabad. Agreement No. 9SE/2004-05 dated 21.10.2004	--	Not Required	Work Completed.
Package -2	Earthwork Excavation forming embankment and Construction of CM&CD Works including investigation, designing estimation of Polavaram Irrigation Project Right Main canal Package 2, from Km 14.800 to Km 38.199 +1.154.	M/s Progressive Construction Limited, Hyderabad. Agreement No.7/2004-05 dated 20.10.2004	Works awarded to various contract agencies in piece-meal manner as given under	No	Certain parts of work deleted under clause 60 (C) of PS to APDSS, due to slow progress of work and awarded to various contract agencies.

Earthwork Excavation and forming embankment from Km 18.993 to Km 19.775 of Polavaram Irrigation Project RMC Package No.2.	M/s Madhavi Constructions, Ongole Agreement No.13SE/2016-17 dated 25.05.2016	--	Not Required	The original agency has been instructed to complete the balance work to meet the targets fixed by the government. However, the agency could not gear up the required machinery, men and material to achieve required progress to meet the targets.
Earthwork Excavation from Km 35.000 to Km 35.250 of Polavaram Irrigation Project RMC Package No.2.	M/s Saggital Infra Projects, Jangareddigudem, Agreement No. 6SE/2016-17 Dt:21.05.2016	--		
Earthwork Excavation from Km 35.500 to Km 36.000 of Polavaram Irrigation Project RMC Package No.2.	Sri K.Simhadri Naidu, Agreement No. 19SE/2016-17 dated 27.05.2016	--		
Earthwork Excavation from Km 36.000 to Km 36.500 of Polavaram Irrigation Project RMC Package No.2.	M/s Saggital Infra Projects, Jangareddigudem Agreement No. 7SE/2016-17 dated 21.05.2016	--	No	Hence, it has been deleted from the scope of the agreement of the agency under Clause 60 (C) of APDSS and proposed to entrust the work to the willing agency at agreement rates duly applying G.O Ms. No.22, dated 23.02.2015 & G.O Ms. No.63 dated 12.06.2015
Earthwork Excavation from Km 36.500 to Km 37.000 of Polavaram Irrigation Project RMC Package No.2.	M/s Madhavi Constructions, Ongole, Agreement No. 12SE/2016-17 dated 25.05.2016	--	No	
Earthwork Excavation from Km 37.115 to Km 37.400 of Polavaram Irrigation Project RMC Package No.2.	Sri N.Chaitanya Muramulla (V), Agreement No. 20SE/2016-17 dated 27.05.2016	--	No	-do-
Laying of balance Cement Concrete Lining work from Km 37.250 to Km 37.500 and from Km 38.199 to Km 38.199 + 1.154 of PIPRMC Package No.2.	M/s Sri Krishna Engineering, Rajamahendravaram Agreement No. 29SE/2017-18, dated 17.02.2018	--	No	-do-
Laying of Cement Concrete Lining from Km 19.000 to Km 19.750, Km 36.750 to Km 37.250 and Structure gap at Super Passage at Km 16.50 (63m) & Under Tunnel at Km 30.806 (45m) of Polavaram Irrigation Project RMC Package No.2.	M/s Sri Krishna Engineering, Rajamahendravaram Agreement No. 31 SE/2017-18 dated 13-03-2018	--	No	
Laying of Cement Concrete Lining from Km 35.000 to Km 36.750 and Structure Gaps Under Tunnel at Km 17.950 (51m) & Under Tunnel at Km 27.853 (30m) of Polavaram Irrigation Project RMC Package No.2.	M/s Saggital Infra Projects, Jangareddigudem Agreement No.30SE/2017-18, dated 13.3.2018.	--	No	
Construction of Under Tunnel at Km 14.925 of PIPRMC Package No.2.	M/s Nippun Constructions, Hyderabad, Agreement No. 27SE /2016-17 dated 03.06.2016	--	No	-do-

Construction of Under Tunnel at Km 17.950 of PIPRC Package No.2.	M/s RSV Constructions Private Limited Hyderabad, Agreement No. 39SE/2016-17 dated 28.09.2016	--	No
Construction of Single Lane Road Bridge at Km 18.270 PIPRC Package No.2 (old).	M/s ANR Infra Projects, Rajahmehandravaram Agreement No. 5SE/2016-17 dated 21.05.2016	--	No
Construction of Single Lane Road Bridge at Km 18.270 PIPRC Package No.2 (New agencies work order issued under 60(C)).	M/s Madhavi Constructions, Ongole, Agreement No. 9SE/2016-17 dated 25.05.2016	--	No
Construction of Under Tunnel at Km 18.950 PIPRC Package No.2.	M/s Sri Vijetha Engineers, Vijayawada, Agreement No. 24SE/2017-18 dated 13.11.2017	--	No
Super Passage at Km 16.500.	M/s Madhavi Constructions, Ongole, Agreement No. 10SE/2016-17 dated 25.05.2016	--	No
Single Lane Road Bridge at Km 23.312.	M/s RSV Constructions Private Limited Hyderabad, Agreement No. 39SE/2016-17 dated 28.09.2016	--	No
Single Lane Road Bridge at Km 24.736.	M/s RSV Constructions Private Limited Hyderabad, Agreement No. 39SE/2016-17 dated 28.09.2016	--	No
Under Tunnel at Km 26.100.	M/s RSV Constructions Private Limited Hyderabad, Agreement No. 39SE/2016-17 dated 28.09.2016	--	No
Single Lane Road Bridge at Km 27.274.	M/s RSV Constructions Private Limited Hyderabad, Agreement No. 39SE/2016-17 dated 28.09.2016	--	No

	Single Lane Road Bridge at Km 29.057.	M/s Sri Vijetha Engineers, Vijayawada, Agreement No. 25SE/2017-18 dated 13.11.2017	--	No	
	Under Tunnel at Km 30.806.	M/s RSV Constructions Private Limited Hyderabad, Agreement No. 39SE/2016-17 dated 28.09.2016	--	No	
	Single Lane Road Bridge at Km 27.274 (New).	M/s RSV Constructions Private Limited, Hyderabad, Agreement No. 39SE/2016-17 dated 28.09.2016	--	No	
	Under Tunnel at Km 30.806 (New).	M/s Sri Krishna Engineering, Rajamahendravaram, Agreement No. 8SE/2017-18 dated 03.07.2017	--	No	
	Single Lane Road Bridge at Km 31.100.	M/s Madhavi Constructions, Ongole, Agreement No.11SE/2016-17 dated 25.05.2016	--	No	
	Super Passage at Km 38.199 + 0.001.	Sri N.Chaitanya Muramulla (V), Agreement No. 28SE/2017-18 dated 08.02.2018	--	No	
	Single Lane Road Bridge at Km 38.947.	M/s Sri Krishna Engineering, Rajamahendravaram, Agreement No. 31SE/2016-17 dated 29.06.2016	--	No	
	Off Take Sluice/Cross Regulator at Km 38.199 + 1.154.	M/s Sri Krishna Engineering, Rajamehandravaram, Agreement No. 32SE/2016-17 dated 13.03.2018	--	No	
Package-3	Earthwork Excavation forming embankment and Construction of CM&CD works including investigation, designing estimation of Polavaram Irrigation Project RMC Package 3.	M/s Hindustan Construction Limited., Mumbai Agreement No. 11SE/2004-05 dated 23.10.2004	--	No	NIL

Package -3- Additional Work	Surplus Escape Regulator at Km 50.450 (Consists of Escape Regulator, Well Syphon & Drop and Escape Channel) of Package No. 3.	M/s. HES Infra Projects, Hyderabad, Agreement No. 29 SE/2018-19 dated 11.10.2018	--	No	This is an additional structure. (Not in original scope of work)
Package -4	Earthwork Excavation forming embankment and Construction of CM& CD works including investigation, designing estimation of Polavaram Irrigation Project RMC Package IV, From Km 71.500 to Km 105.100 + 2.465.	M/s Jai Prakash-Gayatri (JV), Hyderabad, Dated 23.10.2004	--	No	
PIPRMC Package No.4 - 60(C)	Earthwork Excavation forming embankment of main Canal complete from Km 101.700 to Km 105.1001.450 from Km 105.1002.400 to Km 105.1002.465 and Lining of the Main Canal with Cement Concrete M10 from Km 98.200 to Km 105.1002.465 and Construction of Super Passage Km 96.250, Km 97.125 and Constructions of Mechanical items of Two Cross Regulators and six number Off Take Sluices of PIPRMC.	M/s Jai Prakash-Gayatri (JV), Hyderabad, dated 23.10.2004	M/s GSR Ventures Private Limited, Hyderabad, Agreement No. 34SE/2016-17, dated 30.06.2016	No	The work was deleted from the scope of original agency under 60(C) of PS to APDSS and entrusted to the agency on nomination basis to achieve the target fixed by the government to divert river Godavari water into river Krishna through PIPRMC to safeguard the Krishna Delta ayacut during Kharif 2016.
	Supply and fixing of Head Regulator gates, Hoist arrangements and operation arrangements for Escape Regulator Km 98.100 and for Cross Regulator Km 105.100+2.465 of Polavaram Irrigation Project RMC Package No.4.		M/s HES Infra Private Limited, Hyderabad 33SE/2016-17, dated 30.06.2016	No	
	Construction of balance Works of Under Tunnel at Km 97.920 PIPRMC Package No. 4, 60 (C) works of PIPRMC.		M/s HES Infra Private Limited, Hyderabad, Agreement No. 08SE/2018-19, dated 12.07.2018	No	
PIPRMC Package No. 4 - 60(C)	Construction of Off Take Sluice at Km 105.100+2.465 PIPRMC Package No.4 60(C) works of PIPRMC.		M/s HES Infra Private Limited, Hyderabad, Agreement No.01EE/2018-19, dated 21.07.2018	No	
	Construction of balance Works of Under Tunnel at Km 79.362 PIPRMC Package No.4, 60 (C) works of PIPRMC		M/s HES Infra Private Limited, Hyderabad, Agreement No.	No	

			35SE/2016-17, dated 07.12.2018		
	Construction of balance Works of Under Tunnel at Km 88.950 PIPRMC Package No .4, 60 (C) works of PIPRMC		M/s HES Infra Private Limited, Hyderabad 36SE/2018-19, dated 07.12.2018	No	
	Construction of balance Works of Under Tunnel at Km 103.100 PIPRMC Package No.4, 60(C) works of PIPRMC		M/s HES Infra Private Limited, Hyderabad, Agreement No.37SE/2018-19, dated 07.12.2018	No	
	Construction of balance Works of Under Tunnel at Km 105.100+0.910 PIPRMC Package No.4, 60 (C) of PIPRMC		M/s HES Infra Private Limited, Hyderabad, Agreement No. 38SE/2018-19, dated 07.12.2018	No	
PIPRMC Package No.5	Earthwork Excavation forming embankment and Construction of CM& CD works including investigation, designing Estimation of Polavaram Irrigation Project RMC Package 5, From Km 105.100 to Km 133.800 + 0.146	M/s IVRCL-SEW& Prasad (JV), Hyderabad, dated 23.10.2004	---	Not Required	
PIPRMC Package No.5 - 60(C)	Construction of Under Tunnel at Km 111.580 of PIPRMC Package-5.	M/s IVRCL-SEW& Prasad (JV), Hyderabad, dated 23.10.2004	Nadimpalli Chaitanya, Agreement No. 21SE/2015-16, dated 27.05.2016	No	The work was deleted from the scope of original agency under 60(C) of PS to APDSS and entrusted to the agency on nomination basis to achieve the target fixed by the government to divert river Godavari water into river Krishna through PIPRMC to safeguard the Krishna Delta ayacut during Kharif 2016.
	Construction of Double Lane Road Bridge at Km 112.200 of PIPRMC Package-5.		M/s Imperial Coastal Infra, Hyderabad, Agreement No. 08SE/2016-17, dated 21.05.2016	No	
	Earthwork Excavation of Main Canal at Km 112.500 to Km. 113.000 of PIPRMC Package-5.		M/s Amaravathi Constructions Technologies, Agreement No. 03SE/2017-18, dated 08.06.2017	No	
	Construction of Escape Regulator at Km 121.800 of PIPRMC Package-5.		M/s Sri Vijetha Engineers & Infra Structures Private Limited, Vijayawada, Agreement No. 01SE/2017-18, dated 26.05.2018	No	
	Construction of Super Passage at Km 133.200 of PIPRMC Package-5.		M/s Sri Krishna Enviro Engineers, Agreement No. 40SE/2018-19, dated 21.02.2020	No	

	Construction of Under Tunnel at Km 133.550 of PIPRMC Package-5.		M/s Sri Krishna Enviro Engineers, Agreement No. 03EE/2019-20, dated 23.11.2019	No	
PIPRMC Package No.5 - 60(C)	Formation of Embankment on LHS bank from Km 109.000 to Km 109.650 PIPRMC Package No.5		M/s GSR Ventures Private Limited, Hyderabad Agreement No. 03EE/2018-19, dated 27.02.2019	No	
	Earthwork Excavation of main canal from Km 120.000 to Km 126.000		M/s Sagittal Infra Projects, Agreement No. 02SE/2017-18, dated 01.06.2017	No	
PIPRMC Package No.6	Earthwork excavation, forming embankment and construction of CM & CD works including investigation, designing & estimation of Polavaram Irrigation Project RMC Package No. 6 from Km 133.800 to Km156.500 + 1.378.	M/s Progressive Constructions Limited, Hyderabad.	--	--	--
PIPRMC Package No.6 - 60(C)	Construction of Under Tunnel at Km 144.340 of Polavaram Irrigation Project RMC Package No.6.	M/s Sri Vijetha Engineers & Infrastructures Private Limited, Hyderabad.	--	--	--
	Construction of Super Passage at Km134.920 of PIPRMC Package No.6.	Sri Hanumanthu Ramu, 1-38, Kamanchikallu, Khammam (Rural Mandal), Khammam (DIST)-507003.	--	--	--
	Construction of Single Lane Road Bridge at Km 135.550 of PIPRMC Package No.6.	M/s Nithya Power & Infra Private Limited, & 4B Constructions (JV), Vijayawada	--	--	--
	Construction of Super Passage at Km 136.988 of PIPRMC Package No.6.	Sri Hanumanthu Ramu, 1-38, Kamanchikallu, Khammam	--	--	--
	Earthwork Excavation from Km 144.300 to Km 144.601 of Polavaram Irrigation Project RMC Package No.6.	M/s LNS Infrastructures Hyderabad.	--	--	--
	Formation of Embankment Reaches from Km 133.800 to Km 134.675 and Km 134.975 to Km 135.025 and Km 136.900 to Km 136.925	M/s LNS Infrastructures & Sameera's Constructions (JV), Hyderabad	--	--	--

	and Km 137.150 to Km 137.800 and Km 139.300 to Km 140.450 and Km 141.600 to Km 142.600 and Km 143.750 to Km 144.100 and Km 145.950 to Km 146.250 of PIPRMC Package No.6.				
	Construction of Double Lane Road Bridge at Km 156.500 + 0.775 of Polavaram Irrigation Project RMC Package No.6.	M/s Jyothika Infra and MPR Constructions, Sunnapurallpalli (V), Yarraguntla	--	--	--
	Construction of Double Lane Road Bridge at Km 141.600/141.425 of PIPRMC Package No.6.	M/s Sri Krishna Enviro Engineers, Hyderabad.	--	--	--
PIPRMC Package No.6 - 60(C)	Construction of Single Lane Road Bridge at Km 148.847 of PIPRMC Package No.6.	M/s Devi Engineering and Constructions Private Limited, Hyderabad, Telangana.	--	--	--
	Construction of Super Passage at Km 148.847 of PIPRMC Package No.6.		--	--	--
	Construction of Regulator cum Double Lane Road Bridge cum Offtake Sluice at Km 147.035 of Polavaram Irrigation Project RMC Package No.6.	M/s Sri Vijetha Engineers & Infrastructures Private Limited, Hyderabad.	--	--	--
	Construction of Single Lane Road Bridge cum Super Passage at Km 143.250 of Polavaram Irrigation Project RMC Package No.6.		--	--	--
	Construction of Single Lane Road Bridge cum Super Passage at Km 144.850 of Polavaram Irrigation Project RMC Package No.6.	M/s. Sew Infrastructures Limited, Begumpet, Hyderabad	--	--	--
	Construction of Double Lane Road Bridge at Km 153.308 of Polavaram Irrigation Project RMC Package No.6.	M/s RSV Constructions Private Limited, Hyderabad	--	--	--
	Construction of Single Lane Road Bridge at Km 140.380/140.175, Super Passage at 146.212, Single Lane Road Bridge at Km 150.151 & Super Passage at Km 151.929 of PIPRMC Package No.6.	M/s Nithya Power & Infra Private Limited, Vijayawada.	--	--	--
	Earthwork Excavation in Reaches from Km 135.025 to Km 135.550 and from Km 136.200 to Km 136.300 and from Km 136.950 to Km 137.100 of PIPRMC Package No.6	M/s. Sew Infrastructures Limited., Begumpet, Hyderabad.	--	--	--

	Construction of Under Tunnel at Km 151.300 of PIPRMC & Earthwork Excavation from Km.153.240 to Km 153.290 & from Km 153.325 to Km 153.415 of PIPRMC Package No.6.	M/s Sri Vijetha Engineers & Infrastructures Private Limited, Vijayawada	--	--	--
	Earthwork excavation at Km 143.925 to Km 144.075 of Package No.6 of Polavaram Irrigation Project RMC.	M/s Sri Vijetha Engineers & Infrastructures Private Limited, Vijayawada	--	--	--
	Earthwork Excavation at Km 144.775 to Km 144.850 of Package No.6 of Polavaram Irrigation Project RMC.	M/s Sri Vijetha Engineers & Infrastructures Private Limited, Vijayawada	--	--	--
PIPRMC Package No.6 - 60(C)	Earthwork excavation at Km 140.550 to Km 140.850 of Package No.6 of Polavaram Irrigation Project RMC.	M/s Sri Vijetha Engineers & Infrastructures Private Limited, Vijayawada.	--	--	--
	Earthwork excavation at Km 141.900 to Km 143.265 of PIPRMC Package No.6.	M/s Sri Vijetha Engineers & Infrastructures Private Limited, Vijayawada.	--	--	--
	Earthwork excavation for Up-stream & Down-stream Drain sectioning of Cheemalavagu at Under Tunnel at Km 144.340 of Package No.6 of Polavaram Irrigation Project RMC.	M/s LNS Infrastructures & Deal Industries (JV), Hyderabad.	--	--	--
	Construction of Regulator cum Double Lane Road Bridge cum Offtake Sluice at Km 147.035 (Part work) of PIPRMC Package No.6.	M/s Sri Krishna Enviro Engineers, Hyderabad.	--	--	--
	Construction of Regulator cum Double Lane Road Bridge cum Offtake Sluice at Km 147.035 of PIPRMC (Part work).	M/s Venkateswara Constructions, Contractors & Earthmovers, Goa.	--	--	--
	Providing cement, concrete lining work from Km 133.800 to Km 135.800, Km 140.250 to Km 141.425 and Km 141.250 to Km 146.285 of Polavaram Irrigation Project RMC Package.6 (Part of work).	M/s RSV CPL-SLC JV	--	--	--
	Providing cement, concrete lining work from Km 156.500 to Km 156.500 + 1.345 and structure gap in Polavaram Irrigation Project RMC Package No.6 (Part work).	--	--	--	--

	Construction of Super Passage at Km 156.500 + 0.700 of Package - 6 of PIPRMC.	M/s Vijetha Engineers & Infrastructures.	--	--	--
	Construction of Super Passage at Km 142.480 of Package - 6 of PIPRMC.	M/s Vijetha Engineers & Infrastructures.	--	--	--
	Construction of Under Tunnel at Km 137.315 of Package - 6 of PIPRMC.		--	--	--
PIPRMC Package No.7	Earthwork excavation, forming embankment and construction of CM & CD works including investigation, designing & estimation of Polavaram Irrigation Project RMC Package No. 7 from Km 156.500 to Km 176.252.	M/s Larsen & Toubro Limited, Chennai.	--	--	--
PIPRMC Package No.7 - 60(C)	Earthwork forming embankment and construction of CM & CD works including Investigation Drawing and Estimating of PIPRMC from Km 156.500 to Km 174.000 + 1.335 of PIPRMC of Package No.7 (deleted Part of work)	M/s BSCPL Infrastructures Limited	--	--	--
	Earthwork Excavation from Km 174.000 to Km 174.980 of PIPRMC of Package No.7.	M/s LNS & Sameera JV	--	--	--
	Earthwork Excavation from Km 174.980 to Km 175.968 of PIPRMC of Package No. 7.	M/s Sri Ram Constructions	--	--	--
	Providing Cement Concrete Lining from Km 164.500 to 164.910 of PIPRMC Package No.7.	M/s SVEC Constructions Limited	--	--	--

Appendix 3.1

(Reference to Paragraph No.3.1.3.2 (a), Page No.47)
Details of Special Imprest advanced, recoveries made and interest to be levied

Sl. No.	Month	Opening Balance	Imprest advanced during the month	Recovery during the month/ Period	Date of Recovery	Cumulative recovery of imprest	Cumulative balance of Imprest	Rate of interest (in per cent)	Number of days	Interest to be levied
1.	19.6.2017 to 30.06.2017	0	7,86,36,926	0	-	0	7,86,36,926	11	12	2,84,386
2.	01.7.2017 to 31.07.2017	7,86,36,926	7,22,63,288	0	-	0	15,09,00,214	11	31	14,09,780
3.	01.8.2017 to 31.08.2017	15,09,00,214	12,32,31,361	2,50,00,000	03/17.08.2017	2,50,00,000	24,91,31,575	11	31	23,27,503
4.	01.9.2017 to 30.09.2017	24,91,31,575	15,83,32,154	25,00,00,000	14.09.2017	27,50,00,000	15,74,63,729	11	30	14,23,645
5.	01.10.2017 to 31.10.2017	15,74,63,729	29,40,85,208	0	-	27,50,00,000	45,15,48,937	11	31	42,18,580
6.	01.11.2017 to 30.11.2017	45,15,48,937	64,23,11,357	0	-	27,50,00,000	109,38,60,294	11	30	98,89,696
7.	01.12.2017 to 31.12.2017	109,38,60,294	20,70,91,348	0	-	27,50,00,000	130,09,51,642	11	31	1,21,54,096
8.	01.01.2018 to 31.01.2018	130,09,51,642	19,62,54,305	0	-	27,50,00,000	149,72,05,947	11	31	1,39,87,595
9.	01.02.2018 to 28.02.2018	149,72,05,947	95,80,84,223	88,85,33,078	09.02.2018	116,35,33,078	156,67,57,092	11	28	1,32,20,854
10.	01.04.2018 to 30.04.2018	156,67,57,092	30,00,000	0	-	116,35,33,078	156,97,57,092	11	30	1,41,92,324
11.	01.05.2018 to 31.05.2018	156,97,57,092	63,98,84,973	62,88,19,235	14.05.2018	179,23,52,313	158,08,22,830	11	31	1,47,68,783
12.	01.06.2018 to 30.06.2018	158,08,22,830	30,00,000	0	-	179,23,52,313	158,38,22,830	11	30	1,43,19,494
13.	01.07.2018 to 31.07.2018	158,38,22,830	0	0	-	179,23,52,313	158,38,22,830	11	31	1,47,96,811
14.	01.08.2018 to 31.08.2018	158,38,22,830	8,78,30,323	122,86,80,387	11.09.2018	302,10,32,700	44,29,72,766	11	31	41,38,458
15.	01.09.2018 to 30.09.2018	44,29,72,766	98,52,08,637	0	-	302,10,32,700	142,81,81,403	11	30	1,29,12,325
16.	01.10.2018 to 31.10.2018	142,81,81,403	50,00,000	0	-	302,10,32,700	143,31,81,403	11	31	1,33,89,448
17.	01.11.2018 to 30.11.2018	143,31,81,403	90,00,000	0	-	302,10,32,700	144,21,81,403	11	30	1,30,38,900
			446,32,14,103			302,10,32,700	144,21,81,403	11		16,04,72,678
18.	01.12.2018 to 31.03.2019	144,21,81,403	-	123,06,64,364	29.03.2019	425,17,32,700	21,15,17,039	11	121	5,25,90,231
19.	01.04.2019 to 31.03.2023	21,15,17,039	-	-	-	-	21,15,17,039	11	48 months	9,30,67,497
			Total Interest							30,61,30,406

Appendix 3.2

(Reference to Paragraph No.3.1.3.2 (b), Page No.48)
Interest to be collected (at 11 per cent) on amount paid through Special Revolving Fund

(Amount in ₹)

Sl. No.	Period	Revolving Fund paid during the period	Cumulative balance of Revolving Fund paid	Recovery during the period	Cumulative recovery of Revolving Fund paid	Balance amount of Revolving Fund paid during the period	Number of days	Interest to be Collected
1.	28.03.2018 to 02.04.2018	3,00,00,000	3,00,00,000	0	0	3,00,00,000	6	54,247
2.	13.04.2018 to 30.04.2018	15,00,00,000	18,00,00,000	0	0	15,00,00,000	18	8,13,699
3.	05.05.2018 to 28.05.2018	19,00,00,000	37,00,00,000	19,50,00,000	19,50,00,000	17,50,00,000	24	12,65,753
4.	04.06.2018 to 25.06.2018	20,00,00,000	57,00,00,000	24,50,00,000	44,00,00,000	13,00,00,000	22	8,61,918
5.	02.07.2018 to 30.07.2018	15,00,00,000	72,00,00,000	11,00,00,000	5500,00,000	17,00,00,000	30	15,36,986
6.	02.08.2018 to 27.08.2018	15,6500,000	8765,00,000	18,25,00,000	73,2500,000	14,40,00,000	26	11,28,329
7.	03.09.2018 to 29.09.2018	16,00,00,000	103,6500,000	19,40,00,000	92,65,00,000	11,00,00,000	27	8,95,068
8.	01.10.2018 to 31.10.2018	24,00,00,000	127,65,00,000	12,00,00,000	10465,00,000	23,00,00,000	31	21,48,767
9.	16.11.2018 to 28.11.2018	29,00,00,000	156,65,00,000	38,00,00,000	142,65,00,000	14,00,00,000	13	5,48,493
10.	03.12.2018 to 29.12.2018	26,00,00,000	18265,00,000	0	142,65,00,000	40,00,00,000	27	32,54,795
11.	04.01.2019 to 24.01.2019	21,50,00,000	204,15,00,000	32,00,00,000	174,65,00,000	29,50,00,000	21	18,66,986
12.	01.02.2019 to 27.02.2019	23,50,00,000	227,65,00,000	0	174,6,500000	53,00,00,000	27	43,12,603
13.	12.03.2019 to 25.03.2019	26,00,00,000	253,65,00,000	50,00,00,000	224,65,00,000	29,00,00,000	14	12,23,562
14.	03.04.2019 to 30.04.2019	24,00,00,000	277,65,00,000	0	224,65,00,000	53,00,00,000	28	44,72,329
15.	04.06.2019 to 28.06.2019	22,00,00,000	299,65,00,000	50,00,00,000	274,65,00,000	25,00,00,000	25	18,83,562
16.	05.07.2019 to 31.07.2019	100,00,000	300,65,00,000	0	274,65,00,000	26,00,00,000	27	21,15,616
	Total	300,65,00,000		274,65,00,000				2,83,82,713

Appendix 3.3

(Reference to Paragraph No.3.1.3.2 (c), Page No.49)

Details of assets and liabilities of M/s TRANSTROY-JSC EC UES (JV), Hyderabad

A. Assets

Sl. No.	Description	Amount (₹ in crore)	Remarks
1.	Bank Guarantees encashed and available with WRD (₹485.83 crore + ₹204.00 crore)	689.83	Nil
2.	Retention money available with the Department in cash	37.20	
3.	IPC 44-part bill pending with PAO	13.03	
4.	IPC 45-part bill pending in Division Office	0.91	
5.	Price Adjustment payable (Payable: ₹75.42 crore– Already Paid: ₹30.42 crore)	45.00	
6.	IPC 46 and final bill	33.69	
7.	Amount payable towards Designs and Investigation	20.37	
8.	Difference in Seigniorage charges	2.00	
Total		842.03	

B. Liabilities

Sl. No.	Description	Amount (₹ in crore)	Remarks
1.	Mobilisation advance to be recovered	404.86	Nil
2.	Interest on Mobilisation Advance	158.64	
3.	Special Imprest to be recouped	144.22	
4.	Balance Steel recovery	3.91	
5.	Liabilities to other agencies	136.38	
Total		848.01	
6.	Penalty proposed by Department as per section 60 (C) of PS to APDSS (five per cent of contract value of ₹5,385.91 crore)	269.29	Proposed by the Department
7.	Interest on Special Imprest as objected by Audit	30.61	Objection raised and included by Audit
8.	Electricity charges payable to APEPDCL	26.02	Not included by the Department
Grand Total		1,173.93	

Appendix 3.4

(Reference to Paragraph No.3.1.4.1, Page No.52)

Pending compliance with Quality Control remarks by the Construction Divisions

Chief Engineer, QC Wing, Andhra Region, Dowlaiswaram					
Sl. No.	Reference to Inspection Notes	Construction Division	Name of work	Status	Pending since
1.	94M, 24.02.2021	PIPHW, Division No.3, Polavaram	Main Dam work – M/s. MEIL	Pending	24.02.2021
2.	157M, 19.04.2022				19.04.2022
Superintending Engineer, QC, V&E Circle, Dowlaiswaram					
1.	261M, 29.03.2006	PIPHW, Division No.2, Polavaram	Package-63 & 64	Pending	29.03.2006
2.	1337M, 07.12.2007				07.12.2007
3.	837M, 10.09.2008				10.09.2008
4.	49M, 23.01.2012				23.01.2012
5.	57M, 02.02.2016	PIPHW, Division No.1, Polavaram	Main Dam Work	Pending	02.02.2016
6.	218M, 12.05.2016	PIPHW, Division No.2, Polavaram	Package-62	Pending	12.05.2016
7.	497M, 13.10.2016	PIPHW, Division No.1, Polavaram	Main Dam work – M/s. Transtroy	Pending	13.10.2016
8.	72M, 06.03.2017				06.03.2017
9.	269M, 11.08.2017				11.08.2017

10.	321M, 25.09.2017				25.09.2017
11.	364M, 09.11.2017				09.11.2017
Executive Engineer, QC & QA Division, PIP Dam Site, Mylavaram at Polavaram					
1.	881M, 01.12.2016	PIPHW, Division No.1, Polavaram	Main Dam work – M/s. Transtroy	Pending	01.12.2016
2.	18M, 10.01.2017				10.01.2017
3.	102M, 21.02.2017				21.02.2017
4.	192M, 20.03.2017				20.03.2017
5.	153M, 20.07.2019	PIPHW, Division No.2, Polavaram	Package-63 & 64	Pending	20.07.2019
6.	317M, 09.12.2019	PIPHW, Division No.1, Polavaram	Main Dam work – M/s. MEIL	Pending	09.12.2019
7.	9M, 22.01.2020	PIPHW, Division No.2, Polavaram	Package-62	Pending	22.01.2020
8.	59M, 29.02.2020	PIPHW, Division No.1 & 4, Polavaram	Main Dam work – M/s. MEIL	Pending	29.02.2020
9.	93M, 20.03.2020	PIPHW, Division No.1 & 3, Polavaram	Main Dam work – M/s. MEIL	Pending	20.03.2020
10.	128M, 23.05.2020				23.05.2020

Appendix 3.5

(Reference to Paragraph No. 3.2.2.1, Page No.58)

Statement showing the amount of interest free advance given for procurement of steel
(Amount in ₹)

Month & Year	Bill paid quantity (Cumulative) (in MT)	Consumption (Cumulative) (in MT)	Rate per MT	Quantity of steel procured in advance (in MT)	Amount	Interest at 12 per cent per annum
	(A)	(B)	(C)	(D)=(A)-(B)	(E)=(C) X (D)	(F)= one per cent of (E) per month
a. Procurement of Structural Steel						
December 2021	881.98	10.77	37,500	871.21	3,26,70,375	3,26,703.75
January 2022	881.98	11.99	37,500	869.99	3,26,24,625	3,26,246.25
February 2022	1451.99	15.86	37,500	1,436.13	5,38,54,875	5,38,548.75
March 2022	1773.74	396.80	37,500	1,376.94	5,16,35,250	5,16,352.50
April 2022	1773.74	396.80	37,500	1,376.94	5,16,35,250	5,16,352.50
May 2022	1773.74	512.38	37,500	1,261.36	4,73,01,000	4,73,010.00
June 2022	4054.02	512.38	37,500	3,541.64	13,28,11,500	13,28,115.00
July 2022	4054.02	512.38	37,500	3,541.64	13,28,11,500	13,28,115.00
August 2022	4054.02	858.06	37,500	3,195.96	11,98,48,500	11,98,485.00
September 2022	4054.02	1045.25	37,500	3,008.77	11,28,28,875	11,28,288.75
October 2022	4054.02	1758.33	37,500	2,295.69	8,60,88,375	8,60,883.75
November 2022	4054.02	2498.48	37,500	1,555.54	5,83,32,750	5,83,327.50
Total (I)						91,24,428.75
b. Procurement of Reinforced Steel						
June 2022	745.74	141.61	34,000	604.13	2,05,40,420	2,05,404.20
July 2022	745.74	141.61	34,000	604.13	2,05,40,420	2,05,404.20
August 2022	1885.18	698.39	34,000	1,186.79	4,03,50,860	4,03,508.60
September 2022	1885.18	904.99	34,000	980.19	3,33,26,460	3,33,264.60
October 2022	3452.42	1694.57	34,000	1,757.85	5,97,66,900	5,97,669.00
November 2022	3452.42	3136.24	34,000	316.18	1,07,50,120	1,07,501.20
Total (II)						18,52,751.80
Grand Total (I)+(II)						1,09,77,180.55

Appendix 3.6

(Reference to Paragraph No.3.2.3, Page No.59)
Statement showing the date of procurement of E&M equipment / components and Interest During Construction (IDC) paid

(Amount in ₹)

Sl. No.	Description	Quantity Received /Total Quantity	Material Receipt Certificate number / Date	Date of Erection	Part bill number / Date	Amount (Supply plus Freight and insurance including GST)	Avoidable expenditure towards IDC at 11 per cent per annum	
							Days in excess of six months	Amount Paid
1.	DT Cone		Received:12 sets					
			Total Quantity: 12 sets					
	Unit-10	1 Set	31 / 20.01.2023	--	06 / 17.02.2023	1,33,02,155	186	7,56,006
	Unit-11	1 Set	40 / 23.02.2023	--	07 / 28.02.2023	1,33,02,155	175	7,11,296
	Unit-12	1 Set	41 / 23.02.2023	--	08 / 25.03.2023	1,33,02,155	147	5,97,488
2.	Manhole Assembly for Spiral Access		Received:11 sets					
			Total Quantity: 12 sets					
	Unit-1	1 Set	42 / 23.02.2023	--	10 / 12.04.2023	62,50,295	130	2,48,276
	Unit-2	1 Set	42 / 23.02.2023	--	10 / 12.04.2023	62,50,295	130	2,48,276
	Unit-3	1 Set	42 / 23.02.2023	--	10 / 12.04.2023	62,50,295	130	2,48,276
	Unit-5	1 Set	57 / 10.04.2023	--	11 / 26.05.2023	62,50,295	85	1,62,334
	Unit-6	1 Set	57 / 10.04.2023	--	14 / 22.07.2023	62,50,295	28	53,475
	Unit-7	1 Set	57 / 10.04.2023	--	14 / 22.07.2023	62,50,295	28	53,475
3.	Pit Liner (Upper)		Received: 9 sets					
			Total Quantity: 12 sets					
	Unit-1	1 Set	56 / 10.04.2023	--	11 / 26.05.2023	42,65,640	85	1,10,788
	Unit-2	1 Set	69 / 30.04.2023	--	11 / 26.05.2023	42,65,640	85	1,10,788
	Unit-3	1 Set	70 / 30.04.2023	--	11 / 26.05.2023	42,65,640	85	1,10,788
	Unit-4	1 Set	86 / 27.06.2023	--	14 / 22.07.2023	42,65,640	28	36,495
	Unit-5	1 Set	86 / 27.06.2023	--	14 / 22.07.2023	42,65,640	28	36,495
4.	Wound Pole Assembly		Received: 4 sets					
			Total Quantity: 12 sets					
	Unit-1	1 Set	78 / 03.06.2023	---	RA-12 / 07.06.2023	4,40,95,391	74	9,97,046
	Unit-2	1 Set	79 / 08.06.2023	---	RA-13 / 28.06.2023	4,40,95,391	53	7,14,100
5.	Powerhouse Earthing & Grounding Lot-1	1LOT / 63 LOT	5 / 17.06.2022	---	RA-01 / 18.06.2022	1,53,15,862	428	20,02,974
6.	EOT Crane of Unloading Bay	1 No. / 1 No.	32 / 09.02.2023	--	06 / 17.02.2023	8,94,24,270	186	43,07,016
7.	EOT Crane of Service Bay	1.850 Nos / 2 Nos						
	Service Bay-Crane-1	0.9 numbers	54 / 07.04.2023	--	10 / 12.04.2023	10,88,64,229	130	43,24,329

Service Bay- Crane-I	0.1 numbers	68 / 30.04.2023	--	11 / 26.05.2023	1,20,96,025	85	31,41,607
Total					41,26,27,603		1,89,71,328

Appendix 4.1

(Reference to Paragraph No. 4.2, Page No.63)
Status of all packages in RMC given on EPC mode

Package Number	Name of the Contract Agency	Agreement value (₹ in crore)	Date of Commencement of work	Work to be completed by	Physical Progress (in percentage)	Financial Progress (in percentage)	Expenditure (₹ in crore)
1.	M/s Patel Soma	248.44	21.10.2004	20.10.2006	100	100*	239.35
2.	M/s Progressive Constructions	236.25	21.10.2004	20.10.2006	98	95	181.00
3.	M/s Hindustan Construction	321.30	23.10.2004	22.10.2006	100	99	320.67
4.	M/s Jaya Prakash-Gayatri	263.18	23.10.2004	22.10.2006	95	80	340.83
5.	M/s IVRCL-SEW	289.45	23.10.2004	22.10.2006	82	75	353.21
6.	M/s Progressive Constructions	196.74	21.10.2004	20.10.2006	95	94	146.02
7.	M/s L&T Chennai	180.70	21.10.2004	20.10.2006	68	65	149.60
Total		1,736.06					1,730.68

Source: Records of the Department

* Certain minor quantities in canal lining and structures were deleted.

Appendix 4.2

(Reference to Paragraph No.4.2.1.1, Page No.63)
Statement showing the details of percentage of earthwork done and paid

Sl. No.	Chainage (in Km)		Length (in meter)	Bay wise bid percentage	Work done (length in meter)	Work done percentage of bid component paid
	(A) From	(B) To				
1.	171.000	171.250	250	0.46	150	0.276
2.	171.250	171.500	250	0.46	250	0.460
3.	171.500	171.750	250	0.46	250	0.460
4.	171.750	172.000	250	0.46	250	0.460
5.	172.000	172.250	250	0.46	150	0.276
6.	172.250	172.500	250	0.46	250	0.460
Total				2.76		2.392

Appendix 4.3

(Reference to Paragraph No. 4.3, Page No.65)
Status of all packages in LMC given on EPC mode

Package Number	Contractor	Agreement value (₹ in crore)	Commencement of work	Work to be completed by	Physical Progress	Financial Progress	Expenditure (₹ in crore)
1	M/s Progressive Constructions	256.08	20.03.2005	20.03.2007	75	76	190.38
1A	M/s Surya Constructions	171.39	22.06.2017	22.06.2018	95	95	255.31
2	M/s Patel-Soma JV	242.52	17.03.2005	17.03.2007	100	93	227.03
3	M/s Maytas-NCC	212.94	19.03.2005	19.03.2007	91	90	190.45
3A	M/s KMV Project	73.66	08.06.2018	07.06.2019	76	76	105.44
4	M/s Sabir Dam Works	206.80	23.03.2005	22.03.2007	88	88	123.69
4A	M/s RSR Infra	108.86	21.07.2017	20.07.2018	62	50	158.33
5	M/s Sabir Dam Works	181.60	23.03.2005	22.03.2007	63	87	71.04
5A	M/s PSK-HES	142.88	28.12.2016	27.12.2017	73	66	119.06
6	M/s Madhucon	196.20	23.03.2005	22.03.2007	65	43	120.66
6A	M/s BSR Infra	152.03	15.02.2019	14.02.2020	70	65	17.00
7	M/s KCCL-JV	175.00	14.03.2005	13.03.2005	63	55	464.22
8	M/s IVRCL	113.38	09.03.2006	08.03.2008	28	05	33.49
Total		2,233.34					2,076.10

Source: Records of the Department

Appendix 4.4

(Reference to Paragraph No.4.3.1.3, Page No.68)
Increase in cost due to delayed entrustment of National Highway crossings (Bridges)
(₹ in crore)

Name of the work	Amount estimated as per SSR 2004-05 rates	Now awarded at agreement value	Increase in cost
NH-16 Bridge crossing at Km 55.410 at Burugupudi Village	4.94	22.60	17.66
NH-16 Bridge crossing at Km 64.375 at Prathipadu Village	5.08	15.27	10.19
Two NH Crossing at Km 33.559 and Km 41.650	9.12	39.36	30.24
Three NH Crossing at Km 77.175, Km 88.035 and Km 93.700	17.10	55.60	38.50
One NH crossing at Km 103.658	6.39	23.48	17.09
Total	42.63	156.31	113.68

Appendix 4.5

(Reference to Paragraph No. 4.4.3, Page No.73)

Statement showing the amounts to be recovered from the original contract agencies as difference of execution cost due to entrustment of works deleted under clause 60 (C) of APDSS to new contract agencies

Sl. No.	Package Number	Executing Agency	Agreement Amount of the work	Deletion value of balance work from original contractor	Revised agreement amount for completion of the work	Excess amount incurred for completion of the work	Total Finished Value of Work	Five per cent over the ECY to be recovered
A	B	C	D	E	F	G	H=(D)+(G)	I = H x five per cent
		Right Main Canal						
1.	Package-VI	M/s. Progressive Construction Limited, Hyderabad	196.74	49.32	95.48	46.16	242.90	12.15
2.	Package-VII	M/s L&T Limited, Chennai	180.70	23.05	74.34	51.29	231.99	11.60
3.	Package-IV	M/s. Jayaprakash – Gayatri (JV), Hyderabad	301.30	36.01	65.57	29.56	330.86	16.54
4.	Package-V	IVRCL-SEW-Prasad JV, Hyderabad	295.92	6.48	13.75	7.27	303.19	15.16
5.	Package-II	M/s. Progressive Construction Limited, Hyderabad	236.25	56.31	78.99	22.68	258.93	12.95
		Left Main Canal						
6.	Package- I	M/s. Progressive Construction Limited, Hyderabad	254.88	38.78	171.39	132.61	387.49	19.37
7.	Package-III	M/s Matyas-NCC (JV), Hyderabad	212.94	20.26	73.66	53.40	266.34	13.32
8.	Package-IV	M/s Sabir Dam & Water works construction company, Hyderabad	206.80	66.07	108.86	42.79	249.59	12.48
9.	Package-V	M/s Sabir Dam & Water works construction company, Hyderabad	181.60	95.91	142.88	46.97	228.58	11.43
10.	Package-VI	M/s Madhucon Sino Hydro (JV), Hyderabad	196.20	70.28	153.46	83.18#	279.38	13.97
11.	Package-VIII	M/s IVRCL-SEEW & Prasad (JV), Hyderabad	113.38	62.06	NA	NA*	NA	5.66*
		Total	2,376.71	524.53	978.38	515.91		144.63

Variation is due to adoption of actual quantities as per approved designs

*As the work was not executed by the 60 (C) contractors and pre-closed by the Government, the work could not be progressed any further. Hence, the amount recoverable under clause 60(C) of PS to APDSS is calculated on the original contract value (₹113.38 crore) only and not on the finished contract value.

Appendix 4.6

(Reference to Paragraph No.4.4.5, Page No.74)
Statement showing the details of recoveries not made by the Department

Package Number	Description	Amount (₹ in crore)
Left Main Canal		
1	Non-recovery of amount towards removal of deposited earth	2.34
3	Non-recovery of amount towards removal of deposited earth	3.21
	Non-recovery of Labour Cess	1.65
	Non-recovery of National Academy of Construction Cess	0.16
	Recovery towards removal of deposited earth	0.48
4	Interest on mobilisation advance	0.91
5	Mobilisation Advance principal and interest	10.68
6	Non-recovery of liquidated damages	2.52
	Recovery towards shifting of HT & LT Lines already paid to the original agency	1.20
	Recovery for the provision for additional items in the estimate of 60 (C) balance works to be recovered from original agency	0.30
Right Main Canal		
2	HPCL & GAIL pipeline crossings	14.06
2	Shifting of electrical lines of APCPDCL	0.16
Total		37.67

Appendix 5.1

(Paragraph No. 5.1.1 & Page No.76)
Procedure for Land Acquisition

Sl. No.	Procedure followed
1. Assessment	
(a) Assessment of land for work and Submergence Area	<p>Total extent of land required for submergence area and work area in the districts of West Godavari, East Godavari and Khammam of undivided Andhra Pradesh was assessed based on Preliminary Survey and study of Topo sheets of Survey of India for the Project. The survey reports were adopted in the DPR prepared in 2005-06 and 2010-11 Price Level of PIP. Fly leveling, double check levelling, chain surveying with Prismatic Compass and Light Detection and Ranging (LIDAR) survey methods were used in assessment of total extent of required land.</p> <p>The total extent of land assessed by WRD was mapped with records provided by the Revenue Authorities to arrive at the Land Plan (LP) Schedules. LP schedules consist of the extent of land in each survey number village wise and requisition for the same sent to the LA authorities for acquisition.</p>
(b) Assessment of land requirement for R&R activities	<p>The R&R Officers identify the PDFs (through Socio Economic Survey) in the affected area and assess the actual land requirement for acquisition towards R&R activities.</p> <p>The Administrator (As per Section 16 of RFCTLARR Act, 2013) for R&R shall conduct a survey and undertake the census of affected families which shall include particulars <i>viz.</i>, affected land and immovable properties, livelihoods lost, affected public utilities, Government buildings, <i>etc.</i> Based on the survey, the Administrator prepares a draft R&R Scheme which shall include particulars of R&R entitlements of each PDF and where</p>

	<p>resettlement of affected families is involved along with list of Government buildings, details of the public amenities and infrastructural facilities which are to be provided in the Resettlement Area. Accordingly, R&R Officers assess the requirement of land for construction of R&R colonies and allotment of land-to-land to PDFs and sends requisitions of land to LAO for acquisition.</p> <p>R&R authorities in collaboration with LA authorities conducts the Gram Sabhas (to consider requisitions of villagers), <i>etc.</i>, to identify the location of land required for R&R activities along with details of survey number wise extent of land.</p>
2. Publication of Preliminary Notification	
	<p>Section 11 of RFCTLARR Act, 2013 and RFCTLARR Rules, 2014 prescribe that after filing of land requisition³²⁵ by requiring body, the LA Authorities issue Preliminary Notification (PN) for land to be acquired and conducts survey regarding classification, extent, and ownership of land.</p> <p>The PN contains details of land to be acquired and notification shall be issued in the Official Gazette, in two daily newspapers circulating in the locality of such area of which one shall be in the regional language, in the local language in the Panchayat, Municipality or Municipal Corporation, as the case may be and in the offices of the District Collector, the Sub-Divisional Magistrate and the Tehsil. Also, the PN shall be uploaded on the website of the appropriate Government and in the affected areas, in such manner as may be prescribed.</p>
3. Conduct of Survey	
	<p>The officer authorised by the District Collector shall conduct preliminary survey (Section 12 of the RFCTLARR Act, 2013) of land proposed for acquisition. The survey³²⁶ would consist of (a) taking levels of any land (b) to dig or bore into the sub-soil (c) to do all other acts necessary to ascertain whether the land is adapted for such purpose (d) to set out the boundaries of the land proposed to be taken and the intended line of the work (if any) proposed to be made thereon and (e) to mark such levels, boundaries and line by placing marks and cutting trenches and where otherwise the survey cannot be completed and the levels taken and the boundaries and line marked, to cut down and clear away any part of any standing crop, fence or jungle.</p>
4. Filing of Objections	
	<p>Any person interested in any land which has been notified under sub-section (1) of Section 11, as being required or likely to be required for a public purpose, may within 60 days from the date of the publication of the Preliminary Notification, object to (a) the area and suitability of land proposed to be acquired (b) justification offered for public purpose (c) the findings of the Social Impact Assessment report.</p>
5. Disposal of objections	
	<p>The District Collector shall issue a notice in Form-VI(B) and after hearing all objections and making enquiry as provided under Section 15(2) shall submit a report along with his recommendations on the objections to the District Collector for decision. The decision of the District Collector shall be final.</p>

³²⁵ LP Schedules from WRD and land requirement from R&R authorities

³²⁶ shall be conducted, after giving atleast 60 days prior of such survey, in the presence of the owner or a person authorised by the owner in writing

Appendix 5.2 (A)

(Paragraph No. 5.2.4 (i) & Page No. 84)

Statement showing variation in extent of Patta Land as per WRD and Revenue Department

(in acres)

Sl. No.	Name of the Habitation /Village	Extent of land requisitioned by WRD (i.e. L.P. Schedules)	Extent as per Awards given by Revenue Department
1.	Sarugudu Habitation	96.63	92.13
2.	Yerravaram Habitation & Thutigunta Village	465.86	472.49 (423.41 + 41.26 + 7.82)
3.	Kondrukota Village (Spell 1 + Spell 2 + Spell 3 + Spell 4)	1,492.12	1,303.64
4.	Telladibbalu Habitation	32.43	33.33 (23.99 + 9.34)
5.	Sivagiri Habitation	212.93	224.93
6.	Narlavaram Revenue Village	654.86	625.25
7.	Koida Revenue Village	380.15	318.38
8.	Tirumalapuram Village	715.83	693.77
9.	Chigurumamidi Revenue Village	464.21	590.08
10.	Repakagommu Village	1,991.51 (1,825.11 + 172.40)	1,768.04 (1,638.67 + 129.37)
11.	Thatkurugommu Revenue Village	1,511.15	1,439.43
12.	Ganugulagondi Revenue Village	149.10	71.92
13.	Madipalli (Manturu) Village	1,159.79	746.29
14.	Pudipalli Village	272.91	240.66
15.	Yenugulagudem (Devi Patnam Village)	450.63	387.99
Total		10,050.11	9,008.33

Appendix 5.2 (B)

(Paragraph No. 5.2.4 (ii) & Page No.84)

Statement showing variation in extent of Government Land as per WRD and Revenue Department

(in acres)

Sl. No.	Name of the Habitation /Village	Extent of land requisitioned by WRD (i.e. L.P. Schedules)	Government land as per survey records of Revenue Department
1.	Sarugudu Habitation	34.39	31.39
2.	Yerravaram Habitation & Thutigunta Village	149.11	89.87
3.	Kondrukota Village (Spell 1 + Spell 2 + Spell 3 + Spell 4)	92.43	NA
4.	Telladibbalu Habitation	109.30	NA
5.	Sivagiri Habitation	111.19	NA
6.	Narlavaram Revenue Village	26.03	150.78
7.	Koida Revenue Village	50.03	14.75
8.	Tirumalapuram Village	18.22	48.50
9.	Chigurumamidi Revenue Village	203.40	191.75
10.	Repakagommu Village	1,089.67 (1,071.28 + 18.98)	1,369.53
11.	Thatkurugommu Revenue Village	1,532.30	929.23

12.	Ganugulagondi Revenue Village	3.31	25.72
13.	Madipalli (Manturu) Village	150.20	211.17
14.	Pudipalli Village	269.33	49.01
15.	Yenugulagudem (Devi Patnam Village)	46.73	74.70
Total		3,885.64	3,186.40

NA – Not Available

Appendix 5.2 (C)

(Paragraph No. 5.2.4 (iii) & Page No.84)

Statement showing variation in extent of D-Patta Land as per WRD and Revenue Department

(in acres)

Sl. No.	Name of the Habitation /Village	Extent of land requisitioned by WRD (i.e. L.P. Schedules)	Extent as per award/ Survey records
1.	Sarugudu Habitation	0	5.00
2.	Yerravaram Habitation & Thutigunta Village	0	30.94
3.	Kondrukota Village (Spell 1 + Spell 2 + Spell 3 + Spell 4)	0	12.23
4.	Telladibbalu Habitation	0	NA
5.	Sivagiri Habitation	0	NA
6.	Narlavaram Revenue Village	0	463.18 (338.40 + 124.78)
7.	Koida Revenue Village	0	7.28
8.	Tirumalapuram Village	0	191.42 (89.90 + 101.52)
9.	Chigurumamidi Revenue Village	0	163.16 (113.83 + 49.33)
10.	Repakagommu Village	0	945.75
11.	Thatkurugommu Revenue Village	0	1,331.75 (400.65 + 931.10)
12.	Ganugulagondi Revenue Village	0	1.07
13.	Madipalli (Manturu) Village	0	9.60
14.	Pudipalli Village	0	15.91
15.	Yenugulagudem (Devi Patnam Village)	0	0
Total		0	3,177.29

Appendix 5.3

(Paragraph No. 5.2.5 (i) & Page No. 85)

Statement showing time gap in issue of Preliminary Notification after receipt of LP Schedule

Sl. No.	Name of the Habitation	Date of receipt of LP Schedule	Date of Preliminary Notification	Time gap (in months)
1.	Chigurumamidi	20.08.2007	18.10.2008	13
2.	Narlavaram colony	20.08.2007	18.10.2008	13
3.	Ganugulagondi-I	27.01.2014	03.02.2015	13
4.	Ch. Ramanayyapeta	27.09.2007	05.01.2009	15
5.	Penikalapadi	15.04.2008	10.07.2010	15
6.	Mulapadu	06.09.2007	10.12.2009	27
7.	Toyzeru-II	06.09.2007	10.12.2009	27

8.	Seetharam	27.09.2007	30.09.2010	36
9.	Katchuluru	27.09.2007	30.09.2010	36
10.	Kondrukota (includes villages of Kothuru, Vadapalli, Tellavaram)	08.05.2007	15.09.2010 17.09.2010 20.09.2010 08.10.2010	40
11.	Dandangi	29.08.2007	02.11.2010 11.08.2010 16.06.2011	46
12.	Gangampalem	29.08.2007	01.08.2012	60
13.	Thutigunta	08.05.2007	07.01.2013	66
14.	Kondamodalu	28.08.2009	06.12.2013 09.04.2015 29.04.2015 01.06.2015 28.08.2015 10.11.2015	75
15.	Sivagiri	11.04.2007	13.11.2013	79
16.	Yerravaram	08.05.2007	29.10.2015	89
17.	Telladibbalu (included in Sirivaka)	21.05.2007	13.11.2013 03.02.2015	92
18.	Manturu-I	15.04.2008	10.07.2010 24.01.2010 02.07.2010 25.01.2010 27.01.2016	93
19.	Mettaveedhi	15.04.2008	29.06.2016	98
20.	Madipalli	15.04.2008	12.07.2016	99

Appendix 5.4

(Paragraph No. 5.3.1 & Page No.86)

Statement showing incorrect land awards to individual whose names were not found in Revenue records

Sl. No.	Survey Number	Extent of land acquired (in acres)	Name of the beneficiary as per LA award	Land value as per Award (in ₹)	Award Details
1.	37/3	1.53	Sunnam China Butchiyya, S/o Sankuru Dora	0	Spell-1
2.	39/1	2.20	Sunnam China Butchiyya, S/o Sankuru Dora	0	
3.	46/3	0.45	Kasi Prasada Rao	1,57,500	
4.	46/4	0.47	Kasi Navven Kumar, S/o Late Raja Rao	1,64,500	
5.	46/9	0.84	Kasi Vara Rathna David Raju, S/o Sanjeeva Rao	2,94,000	
6.	60/4	0.57	Kasi Raja Rao, S/o Venkata Ratnam	1,99,500	
7.	60/5	0.74	Kasi David Raju, S/o Raja Ratnam	2,59,000	
8.	60/6	0.62	Kasi Raja Rao, S/o Venkata Ratnam	2,17,000	
9.	61/1	0.76	Veerabattula Venkateswara Rao, S/o Samuel	2,66,000	
10.	61/2	0.64	Rameswarapu Appayamma, W/o Venkateswara Rao	2,24,000	
11.	63/6	0.57	Rameswarapu Appayamma, W/o Venkateswara Rao	1,99,500	

12.	63/12	0.59	Rameswarapu Appayamma, W/o Venkateswara Rao	2,06,500	
13.	63/14	0.05	Rameswarapu Appayamma, W/o Venkateswara Rao	17,500	Spell-2
14.	79/5	1.09	Damisetti Pramila Rao, W/o Tamma Rao	3,81,500	
15.	80/3	1.51	Pentapati Pulla Rao, S/o Ganga Raju	5,28,500	
16.	83/1	3.29	Pentapati Lakshmana Swamy, S/o Ganga Raju	11,51,500	
17.	89/8	0.50	Mynam Chandra Rao, S/o Abbulu	1,75,000	
18.	90/11	0.39	Usse Venkateswara Rao, S/o Rama Swamy	1,36,500	
19.	91/14	0.20	Usse Venkateswara Rao, S/o Rama Swamy	70,000	
20.	100/6	4.74	Bonam Bramaramba, W/o Lakshmi Narayana	16,59,000	
21.	162/25	0.67	Chode Chandramma, W/o Bujji	0	Spell-3
22.	164/3	0.18	Pamarthi Venkata Reddy	63,000	
23.	165/2	0.30	Made Pentamma, W/o Butchanna Dora	0	
24.	166/8	1.46	Pamarthi Veera Swamy, S/o Venkata Reddy	5,11,000	
25.	172/1	3.71	Pentapati Tirupathi Rao, S/o Rama Rao	12,98,500	
26.	195/9	1.58	Peruri Butchi Raju, S/o Seshayya	5,53,000	
27.	201/1	2.05	Matta Ramachandra Rao, S/o Sriramulu	7,17,500	Spell-4
28.	201/2	1.11	Badiga Premalatha, W/o Rama Krishna	3,88,500	
29.	201/4	0.10	Usse Venkatesh, S/o Rama Swamy	35,000	
30.	202/1	0.62	Dasari Durga Prasad, S/o Suryachandra Rao	2,17,000	
31.	202/1	0.62	Dasari Satyanarayana, S/o Ramprakash Rao	2,17,000	
32.	202/1	1.18	Dasari Appa Rao, S/o Tatabbai,	4,13,000	
33.	203/1	0.10	Mandavalli Veera Venkata Satya Nageswara Rao, S/o Surya Narayana	35,000	
34.	203/5	0.20	Narsarapu Posayya, S/o Sri Ramulu	70,000	
35.	203/6	0.15	Narsarapu Veera Raju, S/o Aravala Raju	52,500	
36.	203/7	0.34	Narsarapu Posayya, S/o Sri Ramulu	1,19,000	
37.	203/8	0.72	Uppala Anjaneyulu, S/o Narasanna	2,52,000	
38.	205/2	1.14	Manchala Edukondalu, S/o Manganna	3,99,000	
39.	205/4	0.39	Mukku Surya Narayana, S/o Ganniyya	1,36,500	
40.	205/5	0.33	Narasarapu Nageswara Rao, S/o Aravalu	1,15,500	
41.	205/5	0.34	Narsarapu Veera Raju, S/o Aravala Raju	1,19,000	
42.	205/5	0.33	Narasarapu Surya Chandra, S/o Aravala	1,15,500	
43.	205/6	0.30	Tadimalla Srinu, S/o Yedukondalu	1,05,000	
44.	205/7	1.21	Mukku Surya Narayana, S/o Ganniyya	4,23,500	
45.	206/1	1.70	Pamarthi Veera Swamy, S/o Venkata Reddy	5,95,000	
46.	208/1	0.74	Bandi Subba Rao, S/o Rama Swamy	2,59,000	
47.	208/7	1.66	Matta Jaya Lakshmi, W/o Satyanarayana	5,81,000	
48.	215/3	1.61	Peruri Butchi Raju, S/o Seshayya	5,63,500	
49.	225/1	3.14	Pentapati Venkata Satyanarayana Rao, S/o Satyanarayana Murthy	10,99,000	
50.	225/2	1.04	Matta Anasuya, W/o Sri Ramulu	3,64,000	
51.	226/2	0.20	Matta Subba Rao, S/o Gangajalam	70,000	
52.	226/3	0.25	Matta Jaya Lakshmi, W/o Satyanarayana	87,500	
53.	227/1	0.81	Narasarapu Nageswara Rao, S/o Aravalu	2,83,500	
54.	227/1	0.81	Narasarapu Surya Chandra, S/o Aravala	2,83,500	
55.	227/1	0.80	Narasarapu Veerraju, S/o Aravalu	2,80,000	
56.	227/1	0.05	Narasarapu Veerraju, S/o Aravalu	17,500	

57.	227/2	0.94	Narasarapu Posayya, S/o Sri Ramulu	3,29,000
58.	227/3	2.05	Narasarapu Veerapandu, W/o Raju	7,17,500
59.	227/4	1.11	Narasarapu Posayya, S/o Sri Ramulu	3,88,500
60.	229/5	2.72	Pentapati Pulla Rao, S/o Rama Rao	9,52,000
61.	229/6	4.15	Pentapati Venkata Satyanarayana Rao, S/o Late Satyanarayana Murthy	14,52,500
62.	231/4	0.62	Tatimallu Srinu, S/o Edukondalu	2,17,000
63.	231/5	0.79	Tadimalla Srinu, S/o Yedukondalu	2,76,500
64.	236/3	2.22	Kagitala Seshagiry, S/o Rammurthy	7,77,000
65.	241/2	3.19	Kanchumarthi Satyanarayana, S/o Ramanna	11,16,500
66.	247/1	0.64	Mukku Arlamma, W/o Surya Rao	2,24,000
67.	248/2	2.85	Pentapati Tirupathi Rao, S/o Ramarao	9,97,500
68.	248/3	2.47	Pentapati Venkata Satyanarayana Rao, S/o Late Satyanarayana Murthy	8,64,500
69.	249/2	2.94	Narasarapu Posayya, S/o Sri Ramulu	10,29,000
70.	259/2	0.37	Tatimallu Srinu, S/o Edukondalu	1,29,500
71.	259/5	0.99	Matta Subba Rao, S/o Gangajalam	3,46,500
72.	259/5	0.12	Matta Subba Rao, S/o Gangajalam	42000
73.	259/6	1.43	Matta Jaya Lakshmi, W/o Satyanarayana	5,00,500
74.	266/5	1.48	Pentapati Tirupathi Rao, S/o Ramarao	5,18,000
75.	267/5	0.28	Narasarapu Surya Chandra, S/o Aravala	98,000
76.	267/5	0.28	Narasarapu Nageswara Rao, S/o Aravala	98,000
77.	267/5	0.28	Narasarapu Veerraju, S/o Aravala	98,000
78.	268/3	5.32	Narasarapu Surya Chandram, S/o Sri Ramulu	18,62,000
79.	268/3	0.02	Narasarapu Posa Rao, S/o Sri Ramulu	7,000
		90.95	Total	3,01,87,500

Appendix 5.5

(Paragraph No. 5.4.6 & Page No. 96)

Cases where excess extent of land-to-land awarded to the beneficiary in Sarugudu

Sl. No.	Name of the Beneficiary	Extent of Land-to-land given in the award (in acres)
1.	Punem Sri Lakshmi, W/o Singanna Dora	4.31
2.	Kovvasu Bulli Dora, S/o Butchayya	2.61
3.	Yendapalli Chellamma, W/o Butchayya	3.32
4.	Kovvasu Bojji, S/o Gangayya	2.94
5.	Kunjam Pothamma, W/o Narasimha Rao	4.30
6.	Yendapalli Bala Raju, S/o Ramayya	3.71
7.	Made Borrayya, S/o Siramayya	4.75
8.	Yendapalli Mukkanna Dora, S/o Ganga Raju	3.24
9.	Yendapalli Srinu, S/o Ganga Raju	3.24
10.	Kovvasu Venkateswarlu, S/o Chenchayya	6.18
11.	Kovvasu Nageswara Rao, S/o Ganga Raju	3.38
12.	Madakam Raju, S/o Venkata Reddy	4.64
13.	Kovvasu Venkateswara Rao, S/o Late Rama Swamy	3.24
14.	Madakam Bondu Dora, S/o Singayya	3.44

15.	Madakam Venkayamma, W/o Siramayya	3.44
Total		56.74

Appendix 5.6

(Paragraph No. 5.4.6 & Page No.96)

Cases where excess extent of land-to-land awarded to the beneficiary in Yerravaram

Sl. No.	Name of the Beneficiary	Extent of land-to-land given in the award (in acres)
1.	Chintalada Peddabbai, S/o Chinna Reddy	2.82
2.	Chintalada Seethamma, W/o Rami Reddy	4.49
3.	Votla Ram Mohana Reddy, S/o Subbareddy	2.68
4.	Chintalada Jogireddy, S/o Peda Mukkareddy	4.80
5.	Chintalada Nagamani, W/o Mutyalareddy	4.79
6.	Chintalada Venkata Lakshmi, W/o Veerabadra Reddy	6.18
7.	Chintalada Peda Somireddy, S/o Malli Reddy	5.08
8.	Chintalada Rami Reddy, S/o Babul Reddy	6.18
9.	Chintalada Kanthamma, W/o Mangi Reddy	6.18
10.	Chintalada Laxmi Devi, W/o Laktchi Reddy	4.14
11.	Chintalada Somireddy, S/o Borra Reddy	4.11
12.	Pogala Venkayamma, W/o Subbareddy	3.01
13.	Kovvasu Veerayamm, W/o Siramayya	6.18
14.	Kovvasu Kameswara Rao, S/o Siramayya	5.08
15.	Kovvasu Gangaraju, S/o China Sankuru	5.11
16.	Kovvasu Ramarao, S/o China Veeraswamy	6.18
17.	Kondla Rambabu, S/o SriRamamurthy	3.73
18.	Musalamma Devata (Grama Devata)	2.76
19.	Kadabala Kannamma, W/o Venkatareddy	6.03
20.	Tamam Venkateswararao, S/o Singaiah	3.37
21.	Kunjam Sankuru, S/o Pandayya	3.32
22.	Kovvasu Siramaih, S/o Peda Pentayya	2.81
23.	Kovvasu Gangaraju, S/o China Pentayya	2.85
24.	Yandapalli Chellamma, W/o Butchaiah	2.86
25.	Yendaplli Veerayamma, W/o Venkateswara Rao	2.81
26.	Kovvasu China Veeraswamy, S/o Gangannadora	5.98
27.	Kovvasu Veeraswamy, S/o Ganga Raju	3.08
28.	Kovvasu Sankuru Dora, s/o Ganga Raju	3.03
29.	Paida Subba Rao, S/o Late Chellaiah	2.72
30.	Vetti Gangadevi, W/o Bikku	6.18
31.	Parshika Paparao, S/o Chellaiah	5.05
32.	Parshika Lakshmi, W/o Pentayya	3.41
33.	Kasika Buchaiah, S/o Kannaiah	3.77
34.	Sundru Indira, D/o Babu Rao	5.79
35.	Kakara Bodidora, S/o Gangaraju	2.53
36.	Uyikam Badrammma, W/o Bojji Dora	3.51
37.	Yandapalli Veerayamma, W/o Chinamukkayya	5.69
38.	Kunjam China Kannayya, W/o Butchayya	3.90
39.	Pamuleri Rajareddi, S/o Latchireddi	2.62
40.	Kadumuri Chinnareddi, S/o Veerapureddi	3.42
Total		168.23

Appendix 5.7

(Paragraph No. 5.4.6 & Page No. 96)

Cases where excess extent of land-to-land awarded to the beneficiary in Telladibbalu

Sl. No.	Name of the Beneficiary	Extent of land-to-land given in the award (in acres)
1.	Kadhala Chinnamma, W/o Devi Reddy	2.54
2.	Kondla Somi Reddy, S/o Latchireddi	6.18
Total		8.72

Appendix 5.8

(Paragraph No. 5.4.6 & Page No. 96)

Cases where excess extent of land-to-land awarded to the beneficiary in Sivagiri

Sl. No.	Name of the Beneficiary	Extent of land-to-land given in the award (in acres)
1.	Araganti Busamma, W/o Kannam Reddi	6.12
2.	Araganti Krishna Reddy, S/o Kannam Reddi	6.12
3.	Badisa Krishna Murthi, S/o Tammanna Dora	3.33
4.	Badisa Rama Lakshmi, W/o Late Chellanna Dora	2.88
5.	Badisa Venkateshwarulu, S/o Tammanna Dora Late	3.34
6.	Badisa Durga Rao, S/o Sriramulu	3.36
7.	Badisa Venkata Reddi, S/o Sitayya Sitanna Dora	4.41
8.	Araganti Subbayamma, W/o Peda Lachi Reddi	3.12
9.	Kondla Ramayamma, W/o Somi Reddi	4.99
10.	Araganti Krishna Kumari, W/o Krishna Reddi	6.12
11.	Araganti Devireddi, S/o Lachi Reddi	6.18
12.	Kaarukonda Mangayamma, W/o Mukka Reddi	3.11
13.	Kovvasu Appa Rao, S/o Bodi Dora	5.41
14.	Mulem Kannayya, S/o late Buchanna Dora	3.72
15.	Karatam China Kanamma, W/o Venkanna	6.18
16.	Karatam Kanamma	2.73
17.	Kondla Lakshmi, W/o Ramireddi	3.55
18.	Kotneti Jogi Reddy, S/o Lachi Reddi	6.58
19.	Kopala Lakshmi, W/o Late Tammi Reddi	3.12
20.	Kurla Pandamma, W/o Pothi Reddi	3.53
21.	Indela Satyanarayana Reddy, S/o Tammi Reddy	5.25
22.	Nadipudi Peddabbai Reddi, S/o late Rami Reddi	5.70
23.	Kattulla Subba Lakshmi, W/o Chinna Reddi	2.74
24.	Araganti Sreenivasa Reddi, S/o Latchi Reddi	2.74
25.	Araganti Bojjamma, W/o late Veerapu Reddy	2.75
26.	Tama Lakshmi, W/o Venkateswarlu	6.18
27.	Ketchala Abbulu Reddy, S/o late Akki Reddy	3.02
28.	Kopala Veerabhadra Reddi, S/o Tammireddi	3.12
29.	Kopala Satyanarayana Reddi, S/o Tamma Reddi	3.12
30.	Kopala Bapuji Reddi, S/o Tamma Reddi	3.12
31.	Tama Venkateswarlu, S/o Ganga Raju	6.18
Total		131.82

Appendix 5.9

(Paragraph No. 5.4.6 & Page No. 97)

Cases where excess extent of land-to-land awarded to the beneficiary in Dandangi

Sl. No.	Award Number	Name of the Beneficiary	Extent of land-to-land given in the award (in acres)
1.	04/2015	Boraga Somanna Dora	6.18
2.	04/2015	Kunjam Chandrayya	5.09
3.	04/2015	Kunjam Bodidora	6.03
4.	03/2015	Eeka Durgamma	6.18
Total			23.48

Appendix 6.1

(Paragraph No. 6.2.3 & Page No.108)

Statement showing delay between date of publication of PN and completion of SES

Sl. No.	Name of the Habitation	Date of PN for village site	Date of completion of SES	Number of months taken for completion of SES from date of PN
1.	Pallapuru	05.05.2015	27.06.2017	25
2.	Kothamamidigondi	09.04.2015		26
3.	Sarugudu	05.05.2015		25
4.	Pydakulamamidi	05.05.2015		25
5.	Telladibbalu	17.09.2014		33
6.	Madhapuram	19.05.2015		25
7.	Sivagiri	13.11.2013		43
8.	Mulagalagudem	09.04.2015		26
9.	Tallavaram	28.04.2015		25
10.	Kotthuru	19.05.2015		25
11.	Koruturu	14.11.2011		67
12.	Kondrukota	09.04.2015		26
13.	Thutigunta	05.05.2015		25
14.	Tekuru	06.12.2013		42
15.	Sirivaka	06.12.2013	27.06.2017	42
16.	Yerravaram	05.05.2015		25
17.	Gajulagondi	09.04.2015		26
18.	Cheeduru	25.09.2012		57
19.	Vadapalli	28.04.2015		25
20.	Gubbalampalem	20.06.2012	22.08.2017	62
21.	Tadiwada	31.12.2015	26.08.2017	19
22.	Nadipudi	05.01.2016		19
23.	Teliperu	11.01.2016	21.08.2017	19
24.	K.Veeravaram	07.07.2012	30.09.2016	50
25.	Talluru	26.05.2016	26.08.2017	15
26.	Somarlapadu	23.01.2016		19
27.	Mettagudem	31.12.2015		19
28.	Lingavaram	22.06.2009	22.08.2017	98
29.	Suddakonda	20.06.2016	29.08.2017	14
30.	Kokkeragudem	05.01.2016	26.08.2017	19
31.	Gangampalem	01.08.2012	24.07.2017	59
32.	K.Gonduru	03.02.2015	21.08.2017	30
33.	Peddagudem	20.06.2016	26.08.2017	14
34.	Kondamodalu	05.08.2015	26.08.2017	24

35.	Katchuluru	30.09.2010	21.08.2017	82
36.	Seetharam	30.09.2010	21.07.2017	81
37.	Chinnaramanayya	13.08.2010	21.08.2017	84
38.	Kethanapalli	13.01.2016	30.09.2017	20
39.	Kothagudem	13.01.2016	29.09.2019	44
40.	Devipatnam	28.04.2015	30.09.2019	53
41.	Damannapalli	06.02.2015	30.08.2019	54

Appendix 6.2

(Paragraph No. 6.3.2.1(i) & Page No.114)

Cases of land-to-land where excess extent was allotted than acquired from PDFs

Sl. No.	Name of the Habitation	Name of the Beneficiary	Father/Husband name	Extent of land acquired as per LA Award (in acres)	Survey Number	Extent Land-to-land allotted (in acres)	Excess extent of land allotted towards land-to-land (in acres)	Survey Number in LA award/land-to-land proceeding
1.	Sivagiri	Badisa Krishna Murthi	Tammanna Dora	3.33	49/4B	3.34	0.01	9
2.		Araganti Devireddi	Lachireddi	6.18	46/1A & 28/1A & 29//2A	6.21	0.03	18
3.		Kotneti Latchi Reddi	Jogi Reddi	1.62	68//8	6.20	4.58	35
4.		Mulem Sankuramma	Aravalu	0.42	38//1	0.52	0.10	48
5.		Tama Lakshmi	Venkateswarlu	6.18	10/1 & 10/2 & 52/2	6.20	0.02	1 & 2
6.	Thutigunta-ST- Spell 1, 2, 3	Rami Reddy	Chinthalada Babul Reddy	6.18	250/1A,254, 291/6	6.20	0.02	B30
7.	Thutigunta-ST	Seethamma	Chinthalada Rami Reddy	4.495	38/1A1A	6.20	1.705	B2
8.		Suggi Reddy	Kalli Chinna Reddy	1.04	50/1B2	2.04	1.00	B6
9.		Krishna Reddy	Chinthalada China Rami Reddy	2.12	255/2B	2.77	0.65	23
10.		Venkata Lakshmi	Chinthalada Veera Reddy	6.18	241/2A, 441/1A	6.20	0.02	B12
11.		Lakshmi Kantham	Chinthalada Gopala Reddy	1.16	292/2	3.30	2.14	A1
12.		Tammi Reddy	Chinthalada Mangi Reddy	1.65	299/1A	3.05	1.4	B17
13.		Bondu Dora	Madakam Singayya	3.44	188/2A1 D, 188/1D	3.78	0.34	D29
14.		Durga Rao	Made Kannayya	1.49	88/19	1.53	0.04	Spell 3 (101,314,479,535,665 &759)
15.		Kama Raju	Made Kannayya	1.08 +0.01(p)	88/16	1.54	0.46	Spell 3 (315,480,536 &758)
16.		Vadapalli-ST	Posilarao	Sunnam Gangaraju	5.88	63/2B6	6.16	0.28

Appendix 6.3

(Paragraph No. 6.3.2.1 (ii) & Page No. 114)

Cases of lesser extent of land-to-land allotted than the land acquired from PDFs

Sl. No.	Name of the Habitation	Name of the Beneficiary	Father/ Husband name	Extent of land acquired as per LA Awards (in acres)	Survey Number of the land acquired	Land allotted (in acres)	Lesser extent of land allotted (in acres)	Survey Number in LA award/ land-to-land proceeding
1.	Sivagiri	Badisa China Ramayamma	W/o Bojji Rao	2.37	68/2	1.00	1.37	13
2.		Badisa Venkateswarlu	S/o Tammanna Dora late	3.34	39/1	1.00	2.34	16
3.		Badisa Venkata Reddi	S/o Sitayya Sitanna Dora	4.41	47/1A & 49/4C	3.43	0.98	8
4.		Araganti Subbayamma	W/o Peda Latchi Reddi	3.12	85/4A1 & 85/7A	2.02	1.10	54
5.		Kondla Ramayamma	W/o Somi Reddi	4.99	48/2A	2.43	2.56	37
6.		Araganti Krishna Kumari	W/o Krishna Reddi	6.12	66/1	2.38	3.74	20
7.		Thama Bala Raju	S/o Butcanna Dora	1.53	46/1B	0.37	1.16	6
8.		Kovvasu Appa Rao	S/o BodiDora	5.41	38/2	1.50	3.91	44
9.		Karatam China Kannamma	W/o Venkanna	6.18	58/2A	0.68	5.50	46
10.		Kondla Lakshmi	W/o Ramireddi	3.55	99/4	2.45	1.10	38
11.		Kurla Pandamma	W/o Pothi Reddi	3.53	73/1A3	2.44	1.09	36
12.		Araganti Bojjamma	W/o Late Veerapu Reddy	2.75	39/4	0.42	2.33	21
13.		Pitapuram Durgamma (Grama Devatha), Peddapuram Mutyalamma (Grama Devatha)		3.59	69/2	3.54	0.05	50
14.		Ketchala Veerapu Reddi, Badisa Subba Rao	S/o Bhimareddi, S/o Gangarju,	1.54	68/5	1.27	0.27	43
15.		Nadikudiri Bangaramma	W/o Narasimha Rao	1.95	68/6	0.73	1.22	40
16.		Tama Venkateswarlu	S/o Ganga Raju	6.18	64 & 65/2D	2.01	4.17	2
17.		Tama Bajar	S/o Ganga Raju	2.01	68/11	1.01	1.00	5
18.		Tama Sitamma	W/o Durga Prasad, Tama Ganga Raju	2.00	65/2A	1.00	1.00	4
19.	Thutigunta-ST- Spell 1, 2, 3	Chinna Reddy -	Araganti Brahmi reddy	0.67	291/2	0.44	0.23	B41
20.	Thutigunta-ST	Lakshmi	Kondla Venkata Reddy	1.24	50/1B1	1.12	0.12	B10
21.	Vadapalli-ST	Pothamma	Kunjam Chinna Buchiyya	4.06	83/1F	3.08	0.98	Spell 1 (25,29,45,107,158,218,229)
22.	Vadapalli-ST	Venkayamma	Sunnam Pothuraju	6.7	30/3	3.48	3.22	Spell 1 (34,41,106,135,157,170,212,215,234,268,299)

Appendix 6.4

(Paragraph No. 6.3.2.2 & Page No. 115)

Cases of land-to-land allotment to persons whose names are not in the LA Awards

Sl. No.	Name of the Habitation	Name of the PDF	Survey Number	Extent of land-to-land given (in acres)	Sl. No. of PDF in land-to-land proceedings	
1.	Sivagiri	Tama Gangaraju	67 & 66/4	4.96	3	
2.		Tama Tammannadora	58/2B	1.00	7	
3.		Badisa Akkamma	21/1A	1.00	11	
4.		Badisa Chellannadora	48/2B	0.88	12	
5.		Badisa Gangaraju	68/3	1.00	14	
6.		Badisa Buchannadora	99//2	0.71	15	
7.		Badisa Buchireddy	65/2B	0.42	17	
8.		Araganti Suramma	66/3	0.74	22	
9.		Araganti Kanamareddy	68/4	1.00	23	
10.		Chinnam Annamreddy	99/3	2.77	24	
11.		Chundru Chinnamma	65/2C	1.39	25	
12.		Nesika Ammanna	68//2 & 69//3	4.06	30	
13.		Tumbudu Bapanamma	49/4A	5.44	33	
14.		Tumbudu Veerayamma	68//10	1.44	34	
15.		Kopala Tammireddy	41/3B	2.00	39	
16.		Korla Sambamma	39//2	0.60	41	
17.		Kechela Appireddy	68//7 & 99//5	0.89	42	
18.		Goli Chinnamma	40/2A	0.64	45	
19.		Nadipudi Reddamma	40/2B	1.14	47	
20.		Tama Tammannadora	98/16A1 & 98/13B	2.19	51	
21.		Badisa ramayamma	98/13C	0.20	53	
22.		Araganti Lakshamma	85/5B1	1.08	55	
23.		Thutigunta	Venkateswara Reddy	246/2, 134/2C	1.4 + 1.4	A4, B38
24.	Rami Reddy		82/1A, 246/2, 134/2D	1.82 + 1.82	A3, B37	
25.	Yerravaram	Chintalada Lakshmi Kamthamma	292/2	3.30	A1	
26.		Kalli Ayanam Reddy	82/1A	1.00	A2	
27.		Kalli Lachireddi	38/1A1A	1.92	B4	
28.		Chintala Somireddy	299/4A	6.2	B15	
29.		Morthibaada Kanthamma	63/1A	0.86	B16	
30.		Kalli Bulli Reddy	63/1B	3.22	B19	
31.		Kalli Ayalam Reddy	134/2A, 291/4	3.21	B20	
32.		Yerravaram	Chintalada Krishna Kumari	299/1B	2.42	B31
33.			Chintalada Jogireddy	101/1A	2.24	B36
34.			Chintalada Pedda Rami Reddy	134/2B, 246/2	1.4, 0.64	B39, A5
35.	Mulla Subbayamma		291/5	3.34	B40	
36.	Vetla Seethamma		259/1A	2.2	B42	
37.	Kalli Somi Reddy		269/2A	3.21	B46	
38.	Sode Ramayamma		12/2B	1.00	C2	
39.	Sode Singaramma		12/2G	1.11	C7	
40.	Sode Buchamma		12/2H	3.01	C8	
41.	Kov vasu Ramaswamy		12/2K	0.15	C11	
42.	Kovvasu Buchamma		130/1B	2.37	D5	
43.	Kovvasu Ramaswamy		130/1D (2.50), 140/1A1A2C (2.22)	4.72	D7	

44.		Made Siramayya	134/2A	6.20	D9
45.		Konuthula Suryarao	140/1A2B	1.00	D14
46.		Kovvasu Narasamma	140/1A2C	1.00	D15
47.		Mulem Bhadramma	140/1A2D	1.00	D16
48.		Yandapalli Kovvadamma	140/1A2E	1.00	D17
49.		Yandapalli Nagamma	140/1A2I	1.00	D19
50.		Kovvasu Veeramma	140/1A2J	0.96	D20
51.		Madakam Sankuru	140/1A2M	0.67	D22
52.		Kalum Ramayamma	140/1A2P	1.32	D25
53.		Made Lakshamma	189/1A9	1.08	D38
54.		Kalum Buchamma	189/1A10	1.00	D39
55.		Kalum Verayamma	189/1A11	1.00	D40
56.		Made Rajamma	189/1A12	0.95	D41
57.		Yandapaalli Veerawamy	193/2A2	0.79	D43
58.		Kalum Ramayamma	193/2C	1.18	D44
59.	Tallavaram	Sangam Durgamma W/o Pandayya	101/1B1	2.37	3 of Tallavaram Proceeding 1
60.		Thati Singamma W/o Paddayya	83/5	1.45	2 of Tallavaram Proceeding 2
61.		Kaki Posiyya S/o Arjuna Rao	90/4	2.32	14 of Tallavaram Proceeding 1
62.		Midiyam Pandayya S/o Jaggayya	90/4	0.76	15 of Tallavaram Proceeding 1
63.		Madakam Buchanna Dora S/o Bhimayya	65/1	3.03	23 of Tallavaram Proceeding 1
64.		Kunjam Rama Lakshmi W/o Nageswararao Grand Daughter on behalf of late Boragam Pentaiyah	81/6	0.51	26 of Tallavaram Proceeding 1
65.		Made Pentayya S/o Mallayya	61/6	2.1	28 of Tallavaram Proceeding 1
66.		Boragam Ramayamma W/o Gangaraju	61/6	0.68	30 of Tallavaram Proceeding 1
67.		Made Venkayamma W/o Rama Rao	84/3	1.24	33 of Tallavaram Proceeding 1
68.		Made Buchamma W/o Borayya	79 83/1	1.42 1	38 of Tallavaram Proceeding 1
69.		Made Posiyya S/o Bhimaraju	73/3	0.47	41 of Tallavaram Proceeding 1
70.	Tallavaram	Made Posiyya S/o Made Lakshmi	73/3	0.61	42 of Tallavaram Proceeding 1
71.		Paddam Pothamma W/o Sahadevudu	79	1.41	43 of Tallavaram Proceeding 1
72.		Made Venkata Lakshmi W/o Rama Rao	83/3	0.29	45 of Tallavaram Proceeding 1
73.		Yendapalli Krishna (<i>Beneficiary has been selected in Sample</i>)	85/1	1.13	48 of Tallavaram Proceeding 1
74.		Ginnepalli Ramalakshmi S/o Sankuru	85/5 88/13	0.5 2.53	49 of Tallavaram Proceeding 1
75.		Made Lakshmi W/o Koteswara Rao	88/9	0.67	61 of Tallavaram Proceeding 1
76.		Jeedi Pandayya S/o Surayya	85/14	0.51	8 of Tallavaram Proceeding 2

77.		Veeka Mutyalamma W/o Rama Krishna	83/5	1.15	1 of Tallavaram Proceeding 2
78.	Vadapalli	Sode Bhimaraju S/o Buchaiah	95/1	2.89	2 of Vadapalli Proceeding 1
79.		Sode Bhimaraju S/o Buchaiah	95/4C2A	1.67	3 of Vadapalli Proceeding 1
80.		Sode Durga Prasad S/o Bhimaraju	95/4C2E	0.5	7 of Vadapalli Proceeding 1
81.		Sode Durga Prasad S/o Bhimaraju	83/1C	3.32	9 of Vadapalli Proceeding 1
82.		Nune Venkata Gangadhararao S/o Kondayya	83/1D	1.57	10 of Vadapalli Proceeding 1
83.		Sunnam Posemma W/o Ramulu (Beneficiary has been selected in Sample)	30/2	2.77	21 of Vadapalli Proceeding 1
84.		Kovvasu Renuka D/o Butchanna Dora	26/2	2.5	24 of Vadapalli Proceeding 1
85.		Tama Seetha W/o Chellarao	14/6E1	0.2	33 of Vadapalli Proceeding 1
86.		Yandapalli Chellamma W/o Abbai Dora	16/1B4	0.74	40 of Vadapalli Proceeding 1
87.		Nune Lakshmi W/o Durgayya	6/1A	1.2	45 of Vadapalli Proceeding 1
			1/1B2	1.39	
88.		Sunna Ramu S/o Singayya	1/1B4	1.56	49 of Vadapalli Proceeding 1
89.		Vetti Veerayamma W/o Krishna	1/3B1	1	51 of Vadapalli Proceeding 1
90.		Sunnam Sylaja W/o Nageswara Rao	1/3B2	0.39	52 of Vadapalli Proceeding 1
	3/6A2		0.34		
91.	Karatam Venkanna S/o Venkatesu	3/6A1	1	53 of Vadapalli Proceeding 1	
92.	Sunnam Dileep Sai Chandu	217/2A	1.33	1 of Vadapalli Proceeding 2	
93.	Valla Buchamma	189/2a4	1.58	2 of Vadapalli Proceeding 2	
94.	Kunjam Peda Buchayya S/o Konayya	193/2B	3.02	3 of Vadapalli Proceeding 2	
		188/2a2a	0.02		
95.	Vadapalli	Madakam Durga Rao S/o Bapiraju	188/2a2a	1.72	4 of Vadapalli Proceeding 2

Appendix 6.5

(Paragraph No. 6.3.2.3 & Page No. 116)

Cases of land-to-land allotment more than the maximum permissible limit

Sl. No.	Sl. No. in the land-to-land Order	Name of the beneficiary	Father/Husband name	Village where land-to-land allotted	Survey Number	Extent of land-to-land allotted (in acres)	Land-to-land orders of RDO, Jangareddigudem
Sivagiri (12 cases)							
1.	3	Tama Gangaraju	Tammannadora	Rachannagudem & Gopalapuram	67 & 66/4	4.96	RC No.706/2010, dated 04.04.2016
2.	9	Badisa Krishnamurthy	Tammannadora		49/4B	3.34	RC No.706/2010, dated 04.04.2016
3.	10	Badisa Sriramulu	Tammannadora		58/2C & 73/1A1	3.36	RC No.706/2010, dated 04.04.2016
4.	18	Araganti Devireddy	Lachireddy		46/1A & 28/1A & 29/2	6.21	RC No.706/2010, dated 04.04.2016
5.	19	Araganti Krishnareddy	Kannamreddy		47/1B	6.12	RC No.706/2010, dated 04.04.2016
6.	24	Chinnam Annamreddy	Yerramreddy		99/3	2.77	
7.	26	Korukonda Mangayamma	Pentareddy		29//1	3.11	
8.	30	Nesika Ammana	Veeraswamy		68/2 & 69/3	4.06	
9.	32	Indela Satyanarayanareddy	Tammireddy		68/1	5.25	
10.	35	Kotneti Lachireddy	Jogireddy		68/8	6.20	
11.	50	Peddapuram Mutyalamm	-		69/2	3.54	
12.	1&2	Tama Lakshmi	Venkateswarlu		10/1 & 10/2 & 52/2	6.20	RC No.---, dated 22.11.2021
Thutigunta (22 cases)							
1.	A1	Chintalada Lakshmi Kanthamma	-	Reddy Ganapavaram	292/2	3.30	ROC No.04/2021 dated 11/2021
2.	B1	Votela Ram Mohan Reddy	Subbareddy	Reddy Ganapavaram	38/1A1B	3.08	Land-to-land Orders dated 30.10.2016
3.	B2	Chintalada Seethamma	Ramireddy	Reddy Ganapavaram	38/1A1A	6.20	
4.	B3	Kadabala Kannamma	-	Reddy Ganapavaram	1/2A	6.03	
5.	B5	Pogala Venkayamma	Subbareddy	Reddy Ganapavaram	49/2A3	3.01	
6.	B8	Kondla Rambabu	Sri Rama Murthy		50/1BC	6.20	
7.	B9	Chintalapudi Lakshmi Devi	Lachireddy		50/1B4, 49/2A2	4.14	
8.	B12	Chintala Venkata Lakshmi	veera Bhadram		241/2A, 441/1A	6.20	
9.	B13	Chintala Jogireddy	Pedda Muka Reddy		49/2A4	5.48	
10.	B14	Chintala Nagamani	Mukka Reddy		241/2B	5.47	
11.	B15	Chintala Somireddy			299/4A	6.20	
12.	B17	Chintala Tammireddy	Mangireddy		299/1A	3.05	
13.	B19	Kalli Bulli Reddy S/o Ramaswamy	-		63/1B	3.22	
14.	B20	Kalli Ayalam Reddy	Ramaswamay		134/2A, 291/4	3.21	
15.	B21	Chintala Malli Reddy	China Ramireddy		256/2B, 255/2A	4.47	
16.	B22	Chintala Malli Reddy	Chinna Ramireddy		256/2B, 255/2A	2.80	

17.	B23	Chintala Krishna Reddy	S/o Chinna Ramireddy		255/2B	2.77	
18.	B24	Chintalada Kanthamma	w/o Mangi Reddy		258/1B1, 259/1B	6.20	
19.	B40	Mulla Subbayamma	w/o Lachi Reddy		291/5	3.34	
20.	B43	Chintalada Somireddy	S/o Burreddy		258/1B2, 257/1A	4.52	
21.	B46	Kalli Soma Reddy	S/o Rama Swamy		269/2A	3.21	
22.	B48	Sri Musalamma Devasthanam	-		250/1B, 255/2C	2.76	
Yerravaram (15 cases)							
1.	C8	Sode Buchamma	Gangaraju	Barrikalapadu	12/2H	3.01	ROC No 1589/2015 dated 03.07.2015
2.	D1	Kovvasu Nageswara Rao		Jeelugumilli	34/1	3.37	
3.	D3	Thama Venkateswara Rao	Singayya		89/4B2, 140/1A2L	5.53	
4.	D6	Kovvasu Venkateswara Rao	Ramaswamy		130/1C	2.68	
5.	D7	Kovvasu Ramaswamy	Buchayya		130/1D, 140/1A1A2C	4.72	
6.	D8	Madakam Seethamma	Raju		130/1E	6.02	
7.	D9	Made Siramayya	-		134/2A	6.20	
8.	D13	Kovvasu Bojji	-		140/1A2A, 193/2A1	3.78	
9.	D24	Kunjam Kannayya	-		140/1A2J	3.90	
10.	D28	Madakam Venkayamma	Siramayya		188/2A1C, 188/1C	3.78	
11.	D29	Madakam Bondudora	-		188/2A1D, 188/1D	3.78	
12.	D31	Uyikam Bojji Dora	-	Jeelugumilli	188/2C2, 189/1A5	3.51	
13.	E9	Kovvasu Gangaraju	-		140/1A1A1C	3.21	
14.	E18	Kovvasu Venkata Giri	-		139/2, 140/1A1A1B	4.52	
15.	E28	Kovvasu Venkateswara Rao	-		140/1A1A1M, 140/1A1A1N	2.63	
Roc No.1589/2015/ dated 28.12.2016							

Appendix 6.6

(Paragraph No. 6.3.3.1 & Page No. 118)

Details of PDFs shifted without payment of entitled R&R cash benefits

(Amount in ₹)

Sl. No.	Name of the Habitation	Number of PDFs shifted	Amount
Office of the Revenue Divisional Officer, Jangareddigudem			
1.	Telladibbalu	6	41,66,000
2.	Mulagalagudem	9	63,74,000
3.	Gajulagondi	20	1,40,45,000
4.	Pallapuru	7	49,27,000
5.	Sarugudu	9	62,74,000
6.	Yerravaram	13	91,93,000
7.	Thutigunta	56	3,68,22,000
8.	Pydakulamamidi	25	1,75,00,000
9.	Sirivaka	25	1,64,78,000

10.	Sivagiri	22	1,48,56,000
11.	Tekuru	42	2,82,15,000
12.	Kondrukota	42	2,50,99,000
13.	Madhapuram	23	1,31,48,000
14.	Tellavaram	49	3,38,78,000
15.	Vadapalli	19	1,26,73,000
16.	Kothamamidigondi	14	99,04,000
17.	Cheeduru	23	1,60,78,000
18.	Koruturu	15	1,05,15,000
19.	Kothuru	16	1,08,51,000
20.	Total	435	29,09,96,000
Office of the Sub Collector Rampachodavaram			
21.	Madipalli (Additional)	26	1,74,86,000
22.	Kokkeragudem (Additional PDFs 1 st bill)	2	13,72,000
23.	Dandanggi (2nd bill)	89	5,80,04,000
24.	Mettagudem (Additional PDFs 1 st bill)	2	13,72,000
25.	Kethanapalli (1 st Bill)	57	3,91,77,000
26.	Kothagudem (1 st Bill)	40	2,69,65,000
27.	Lingavaram (Final Bill)	1	20,58,000
28.	Mulapadu (Additional 2nd Bill)	12	81,32,000
29.	Talluru (Additional 1 st Bill)	5	34,30,000
30.	Penikelapadu (Additional 2 nd Bill)	3	20,58,000
31.	Gubbalampalem (Additional Final Bill)	1	6,86,000
32.	Seetharam (Additional)	2	13,72,000
33.	Gangampalem 1st bill (3 rd Bill)	14	96,79,000
34.	Toyyeru 1st List (8 th Bill)	29	1,90,05,000
35.	Somarlapadu Additional (1 st Bill)	6	41,16,000
36.	Agraharam Additional (1 st Bill)	6	41,16,000
37.	Agraharam 1st list	8	55,38,000
38.	Devipatnam 1st list (13 th Bill)	18	1,14,98,000
39.	Kondamodalu Additional (1 st Bill)	14	92,04,000
40.	Gangampalem (Additional 1 st Bill)	7	47,02,000
41.	Mulametta (Additional 1 st Bill)	3	20,58,000
42.	Pudipalli (Additional 1 st Bill)	49	3,15,89,000
43.	Dandanggi (Additional 1 st Bill)	16	1,08,26,000
44.	Toyyeru (Additional 2 nd Bill)	12	76,82,000
45.	Damanapalli	99	6,52,39,000
46.	K. Veeravaram	16	1,04,76,000
Total		537	35,78,40,000
Grand total		972	64,88,36,000

Appendix 6.7

(Paragraph No. 6.3.4.1 & Page No.120)
Progress in construction of R&R colonies

Sl. No.	Executing Agency	Number of colonies assigned	Number of housing Units Sanctioned	Number of Houses Completed	Number of houses completed without essential amenities			Percentage of Housing Units completed
					Toilets	Drinking water connections	Electricity meter connection	
1.	AP Education & Welfare Infrastructure Development Corporation (APEWIDC)	8	1,454	1,453	0	0	0	99.93
2.	AP State Housing Corporation Limited (APSHCL)	15	7,433	5,870	382	1,895	2,442	46.12
3.	Panchayat Raj (PR)	7	1,525	1,521	34	4	571	62.29
4.	Roads and Buildings (R&B)	10	2,093	1,379	101	0	719	31.53
5.	Tribal Welfare (TW)	9	1,433	1,284	0	0	0	89.60
Total		49	13,938	11,507	517	1,899	3,732	55.78

Appendix 7.1

(Paragraph No. 7.1.1 (a) (b) & Page No.128)

Statement showing the methodology adopted for sample selection

Sl. No.	Description
1.	The information related to rehabilitation of PDFs was obtained (September 2022) from the offices of the Project Administrator, PIP and Commissioner, R&R. Under PIP, six ³²⁷ implementing units are overseeing the LA and R&R activities under Phase-I. Audit selected three ³²⁸ out of six implementing units, as the remaining three units ³²⁹ did not have complete information, rehabilitation was yet to be taken up under these units and only cash component was disbursed.
A.	<p>Calculation for arriving sample size of 355</p> <p>For finite size of population 'N':</p> $S = \frac{z^2 P(1-P)}{e^2} = \frac{1.96*1.96*0.5(1-0.5)}{0.05*0.05} = \frac{0.9604}{0.0025} = 384.16$ $n = \frac{S}{1 + \left(\frac{S-1}{N}\right)} = > \frac{384.16}{1 + \left(\frac{384.16-1}{4722}\right)} = > \frac{384.16}{1.0811} = 355$ <p>where z = Confidence level coefficient for 95 per cent Confidence level = 1.96</p>

³²⁷ RDO Rampachodavaram, RDO Jangareddigudem, RDO Eluru, RDO Peddapuram, Project Officer (P.O), ITDA, KR Puram, P.O ITDA Chinturu,

³²⁸ RDO, Rampachodavaram, RDO, Jangareddigudem and Project Officer, ITDA, KR Puram

³²⁹ Project Officer, ITDA, Chinturu: did not have complete information of PDFs, RDO, Eluru: Only cash component was disbursed (during the year 2017-18) and RDO, Peddapuram: PDFs here are in category-III (above +41.15 M), R&R activities yet to be taken up

	<p>P = Proportion of errors that is expected in the Population =50 <i>per cent</i> e = Margin of Error the auditor is willing to tolerate in the population =five <i>per cent</i></p> <p>N = Size of Population = 4,722 (4,740-18 =4,722). 18 PDFs opted for Cash Component and not settled in new colonies.</p> <p>n = estimated sample size.</p> <p>S = assumption for substitution in formula.</p> <p>Using the above formula and considering the population of PDFs 4,722 for category 1, the minimum sample size comes to 355.</p> <p>During the conduct of beneficiary survey, some PDFs may be unavailable/unresponsive, Hence, a sample of 426 (355 x 1.2) PDFs was selected to complete the survey of 355 PDFs.</p>
B.	<p>Calculation for arriving sample size of 370</p> <p>For finite size of population 'N':</p> $S = \frac{z^2 P(1-P)}{e^2} = \frac{1.96*1.96*0.5(1-0.5)}{0.05*0.05} = \frac{0.9604}{0.0025} = 384.16$ $n = \frac{S}{1+\left(\frac{S-1}{N}\right)} = > \frac{384.16}{1+\left(\frac{384.16-1}{9840}\right)} = > \frac{384.16}{1.038} = 370$ <p>where z = confidence level coefficient for 95 <i>per cent</i> confidence level = 1.96 P = Proportion of errors that is expected in the population =50 <i>per cent</i> E = margin of error the auditor is willing to tolerate in the population =five <i>per cent</i> N= size of population= 9,840 n = estimated sample size.</p> <p>Using the above formula and considering the population of PDFs 9,840 for category 2, the minimum sample size comes to 370.</p> <p>During the conduct of beneficiary survey, some PDFs may be unavailable/unresponsive, Hence, a sample of 444 (370 x 1.2) PDFs was selected to complete the survey of 370 PDFs.</p>

Appendix 7.2

(Paragraph No. 7.3 & Page No. 135)

Statement showing the infrastructure and basic amenities to be provided in R&R colonies

Sl. No.	Infrastructure and Basic Amenities
1.	Roads within the resettled villages and an all-weather road link to the nearest pucca road, passages and easement rights for all the resettled families be adequately arranged.
2.	Proper drainage as well as sanitation plans executed before physical resettlement.
3.	Assured source of drinking water for each family as per the norms prescribed by the Government of India.
4.	Provision of drinking water for cattle.
5.	Grazing land as per proportion acceptable in the State.
6.	Fair Price Shops.
7.	Panchayat Office.
8.	Post Office.
9.	Seed-cum-Fertiliser storage facility.
10.	Irrigation facilities.
11.	Transport facility must include public transport facilities through local bus services with the nearby growth centres/urban localities.

12.	Cremation ground as per communities.
13.	Facility for sanitation including individual toilets.
14.	Household electricity connection.
15.	Anganwadi's providing child and mother supplemental nutritional services.
16.	School as per the provisions of the Right of Children to Free and Compulsory Education Act, 2009.
17.	Sub-health centre within two kilometres range.
18.	Primary Health Centre as prescribed by the Government of India.
19.	Playground for children.
20.	One community centre for every hundred families.
21.	Places of worship and chowpal/tree platform for every fifty families for community assembly and dimensions consonant with the affected area.
22.	Separate land for tribal institutions.
23.	Forest dweller families must be provided, where possible, with their forest rights.
24.	Security arrangements.
25.	Veterinary service centre.

Appendix 7.3

(Paragraph No. 7.3 & Page No.135)

Statement showing the details of sampled R&R colonies

Sl. No.	Name of the R&R colony	Number of Houses sanctioned	Number of houses completed	Number of houses occupied by the PDFs
1.	Challavarigudem	3,905	2,325	239
2.	Kivvaka	10	10	10
3.	Krishnunipalem	1,067	1,059	995
4.	Musallakunta	356	314	314
5.	Pedabhimpalli-2	161	131	131
6.	Puchikapadu	222	222	222
7.	Reddy Ganapavaram-4	232	231	224
8.	Rowthugudem	138	138	131
9.	Saripalli	315	315	248
10.	Sarugudu (Doramamidi)	60	60	60
11.	Vankavarigudem	94	94	87
12.	Yerravaram (Jeelugumilli)	95	95	82
Total		6,655	4,994	2,743

Appendix 7.4

(Paragraph No. 7.4.1 & Page No.148)

Construction of Anganwadi Centres in R&R colonies

Sl. No.	Name of the R&R colony	Number of Houses	Number of Anganwadi Centre constructed	Extent of Anganwadi Centre (in Sq.ft.)
1.	Indukuru-1	306	1	502
2.	Indukuru-2	117	1	502
3.	Shivagiri	128	1	469
4.	Rachannagudem	366	4	469
5.	Doramamidi	699	4	469
6.	Swarnavarigudem	444	3	469
7.	Buttayagudem	1320	5	469
8.	Dharbhagudem	876	8	469
9.	Saripalli	315	2	469
10.	Vankavarigudem	165	1	469
11.	Yerravaram	95	1	469
12.	Sarugudu	60	1	469
13.	Kamayyapalem	57	1	469
14.	P Narayanapuram 1	140	1	469
15.	P Narayanapuram	126	1	469
16.	Reddy Ganapavaram-1	51	1	469
17.	Reddy Ganapavaram-2	140	1	469
18.	Reddy Ganapavaram-3	113	1	469
19.	Reddy Ganapavaram-4	178 + 53	1	469
20.	P. Narayanapuram	169	1	469
21.	Rowthugudem	138 + 152	1	469
22.	Mulagalampalli	245 + 686	1	469