

## ANNEXURE – VII

### FUNDING ASSURANCE LETTER FOR EXTRACTION CHARGES

It is agreed to deposit the extraction charges as fixed by the Forest Department of extraction of trees along the alignment of canals and Formation of Reservoirs in Reserve Forest.

  
21/12/17

Dy. Executive Engineer  
GNSS Sub Division No.3  
Renigunta @ Tirupati

  
27/12/17

Executive Engineer  
GNSS Division  
Renigunta @ Tirupati

  
21/12/17

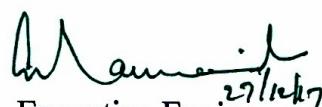
Superintending Engineer  
T.G.P.&G.N.S.S. Circle  
Tirupati

### CERTIFICATE OF UNDERTAKING TO PAY NET PRESENT VALUE

Certified that the net present value of the forest land as per the rate fixed by the Forest Department will be paid under Major Irrigation Project.

  
21/12/17

Dy. Executive Engineer  
GNSS Sub Division No.3  
Renigunta @ Tirupati

  
27/12/17

Executive Engineer  
GNSS Division  
Renigunta @ Tirupati

  
21/12/17

Superintending Engineer  
T.G.P.&G.N.S.S. Circle  
Tirupati

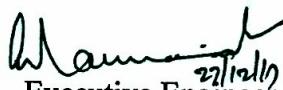
## CERTIFICATE FOR MINIMUM USE OF FOREST LAND

It is certified that the Demand for the Forest land for the Sri Balaji Reservoir , Mallemadugu Reservoir, & Kailasagiri Canal of Major Irrigation Project in Chittoor District.

1. Certified that all other alternatives for the purpose have been explored and the demand for the required area is the minimum demand of forest land for formation of reservoirs, alignment of canal .
2. Certified that no matter is pending in any court in respect of the proposed area for formation of reservoir and alignment of Canal.
3. Certified that no alternative suitable Non forest area is available for formation of reservoir and excavation of canal .



Dy. Executive Engineer  
GNSS Sub Division No.3  
Renigunta @ Tirupati



Executive Engineer  
GNSS Division  
Renigunta @ Tirupati



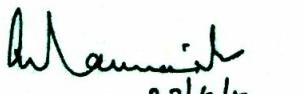
Superintending Engineer  
T.G.P.&G.N.S.S. Circle  
Tirupati

## CERTIFICATE OF FUNDING ASSURANCE FOR COMPENSATORY AFFORESTATION

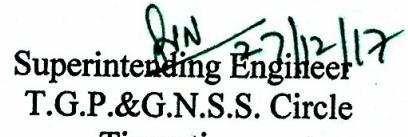
Certified that the cost towards compensatory afforestation will be paid as fixed by the Forest Department. It is agreed to deposit escalation charges of Cost due to any change in planting technique apart from exploration charges of trees as fixed by the Forest Department.



Dy. Executive Engineer  
GNSS Sub Division No.3  
Renigunta @ Tirupati



Executive Engineer  
GNSS Division  
Renigunta @ Tirupati



Superintending Engineer  
T.G.P.&G.N.S.S. Circle  
Tirupati

GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT

Major Irrigation - Excavation and lining of Galeru Nagari Sujala Sravanthi Canal from Km 33.170 to Km 338.721 (Up to Nagari River) and excavation of Kailasagiri Canal of length 61 Kms including formation of enroute eight reservoirs to provide irrigation facilities to 2.25 Lakh Acres and Drinking water to a population of 5.00 Lakhs and to Tirupathi Town. - Administrative approval for Rs. 2189.26 Crores - Orders - Issued.

No. 985  
Date...10.11.05

CIRUMAM

IRRIGATION & CAD (MAJ IRR-VI) DEPARTMENT

G.O. Ms. No. 185  
10-11-05

Dated: 15-10-2005.  
Read the following.

- 1) G.O. Ms. No. 53, I& CAD (PW.TGP-I) Department, Dt. 10-6-2004.
- 2) Proposals from Chief Engineer (Projects), Tungabhadra, Kadapa, Dated 28-8-2005.

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ORDER

Government in G.O. 1<sup>st</sup> read above, accorded administrative approval for Rs. 560.00 Crores for the formation of Gandikota Reservoir to store 16.49 TMC of waters at FRL (+)209.00 M and excavation of the Galeru Nagari Sujala Sravanthi Canal upto 33.170 Km including formation of Varnikonda Sagar and Sarvaraja Sagar to provide irrigation facilities to 35,000 acres.

2. The Chief Engineer (Projects), Tungabhadra Project, Kadapa in reference 2<sup>nd</sup> read above has submitted proposals for according Administrative approval for Rs. 2189.26 Crores for excavation and lining of the balance length of the Galeru Nagari Sujala Sravanthi Canal from Km. 33.170 to Km. 338.721 and the distributory system, excavation and lining of Kailasagiri Canal from Km. 0.00 to Km. 61.00 and formation of enroute eight Reservoirs (viz. Uddimadugu Reservoir in Kadapa District, Mallimadugu Reservoir, Sri Balaji Reservoir, Padma Sagar, Srinivasa Sagar, Venugopala Sagar, Vepagurunta reservoir and Advikotturu Reservoir) to provide irrigation facilities to 2.26 Lakh Acres and drinking water to a population of 5 Lakhs and Tirupathi town.

3. The total cost of the project Rs. 2189.26 Crores is covered in the following estimates which includes Land Acquisition also.

- a. Earth work Excavation and lining of GNSS canal from Km 33.17 to Km 96.50 including Civil & CD works and distributory system to irrigate direct ayacut of 55,000 Acres from Gandikota reservoir.

- b. Earth work Excavation and lining of GNSS canal from Km 95.50 to Km 233.021 including CM & CD works and distributary system to irrigate direct ayacut of 55,000 Acres.
- c. Earth work Excavation and lining of GNSS canal from Km 233.021 to Km 266.721 including CM & CD works, excavation and lining of Balaji Tunnel-I.
- d. Earth work Excavation and lining of GNSS canal from Km 264.721 to Km 288.721 up to Nagar River including CM & CD works and excavation and lining of Balaji Tunnel-II.
- e. Earth work excavation and lining of Kallasagiri canal from Km 0.00 to Km 61.00 and from Mallimadugu reservoir to the fore shore of existing Arnier reservoir.
- f. Formation of Uddimadugu Reservoir near Bhakarapet in Kadapa District, with a gross storage capacity of 1.04 TMC, to provide irrigation facilities to 10,000 Acres.
- g. Formation of Mallimadugu reservoir near Karkambadi (V) in Chittoor District, to store 2.85 TMC of water to irrigate 30,000 Acres.
- h. Formation of Sri Balaji Reservoir near Karakambadi (V) in Chittoor District, with a gross capacity of 3.00 TMC, to provide 1.00 TMC of drinking water to Tirupathi town and 2.00 TMC of water to irrigate an ayacut of 25,000 Acres.
- i. Formation of Padmasagar reservoir in Chittoor District, with a gross storage capacity of 0.45 TMC to irrigate 5,000 Acres.
- j. Formation of Srinivasa Sagar reservoir in Chittoor District with a gross capacity of 0.448 TMC to irrigate 4,200 Acres.
- k. Formation of Venugopalasagar reservoir in Chittoor District with a gross storage capacity of 2.683 TMC to irrigate 25,800 Acres.
- l. Formation of Vepagunla reservoir near Vepagunla (V) in Chittoor District, with a gross capacity of 0.533 TMC to provide 5,000 Acres.
- m. Formation of Adavikotturu reservoir near Adavikotturu (V) in Chittoor District, with a gross storage of 1.00 TMC to serve an ayacut of 10,000 Acres.

About 14,310 Acres of land has to be acquired for these works.

5. Government after careful examination hereby accord Administrative approval for **Rs. 2189.26 Crores** (Rupees Two Thousand One Hundred and Eighty Nine Crores and Twenty Six Lakhs Only) as detailed below:

S. No.	Description	Amount Rs. in Crores
A.	Land	105.21
B.	Works	
i)	Excavation and lining GNSS main canal from Km. 33.170 to Km. 338.721.	1386.31
ii)	Excavation and lining of Kailasagiri canal from Km. 0.000 to Km. 61.000.	64.60
iii)	Formation of 8 Reservoirs	495.14
iv)	Distributaries & Field channels	110.25
	Sub-Total	2056.30
C.	Communications	2056.30
D.	Buildings	7.33
E.	Plantation	6.44
F.	Miscellaneous	4.00
	GRAND TOTAL	9.98
		2189.26

(Rupees Two Thousand One Hundred and Eighty Nine Crores and Twenty Six Lakhs Only)

6. The expenditure is chargeable to "4701 - COL - Major & Medium Irrigation - 01 Major Irrigation - Commercial - MH 133 - GNSS".

7. This order issues with the concurrence of Finance (Works & Projects) Department vide their U.O. No. 9023/ F7/ A2 / 2005-1, Dt. 05-10-2005.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

Dr. C.V.S.K. SARMA  
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Chief Engineer (Projects), Tungabhadra, Kadapa.  
The Engineer-in-Chief (Irrigation Wing), Errummanzil, Hyderabad.  
The Chief Engineer (Projects), Ananthapur.

Copy to

The Director (I&CAD) Godavari Basin, The Commissioner (I&CAD), Krishna Basin, O/o. the Superintending Engineer, Hydrology Projects, Chintal Basthi, Khairatabad, Hyderabad.  
The Director of Works & Accounts, Hyderabad.  
The Joint Director of Accounts, Kadapa.  
The District Collector, Kadapa, Chittoor, Kurnool Districts.  
P.S. to Spl. Secretary to C.M.  
P.S. to Minister (Major & Medium Irrigation).  
P.S. to Principal Secretary (W&P), Hyderabad.  
P.S. to Principal Secretary (I&CAD) / Secretary (Projects) I. & CAD Department.  
S.F / S.Cs.

// FORWARDED BY ORDER //

R.V.S. Meesala  
SECTION OFFICER

OFFICE OF THE CHIEF ENGINEER(PROJECTS),  
IRRIGATION :: KADAPA.

Encl.No.CE(P)/TUN/TS3/GNS<sup>S</sup>/3860/2005

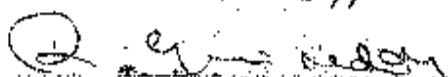
Dated: 31-10-2005

Copy communicated to Superintending Engineer, G.N.S S.Circle,  
Gaddapah for information and necessary action.

Copy to TS1 & TS2 of this office for information.

R.Prabhakar Reddy,  
Chief Engineer (Projects),  
Irrigation :: Kadapa.

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GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT



Irrigation & CAD - Galeru Nagari Sujala Sravanti Phase-II works - Revised Administrative approval with an estimated cost of Rs.2525.91 crores for excavation and lining of Galeru Nagari Sujala Sravanti (GNSS) Canal from Km.33.170 to Km.338.721 (upto Nagari River) and excavation of Kallasaigiri Canal of length 61 Kms. including formation of enroute eight reservoirs to provide irrigation facilities to 2.25 Lakh acres and drinking water to a population of 5.00 lakhs and to Tirupathi town - Accorded - Orders - Issued.

IRRIGATION & CAD (PW-MAJ.IRRI.VI) DEPARTMENT

G.O. Ms.No.50

Date: 25.03.2008  
Read the following :-

- 1) G.O.Ms.No.185, Irrigation & CAD (PW-Maj.Irr.VI) Department, Dated:15.10.2006
- 2) From the Chief Engineer, T.G.P., Srikalahasti, Lr.No.CE/TGS/TS/T4/ F.1150/2001, Dt.12.06.2007

ORDER:

Administrative approval for Rs.2189.26 crores was accorded in G.O. first read above for "excavation and lining of Galeru Nagari Sujala Sravanti Canal from KM.33.10 to Km.338.721 and excavation of 8 (eight) enroute reservoirs to provide irrigation facilities to 2.60 Lakh acres and drinking water to a population of 5.00 Lakhs and to Tirupathi town.

2. The Chief Engineer, Telugu Ganga Project, Srikalahasti has reported that the proposals were made with ECV put to tender duly considering the Tender Premium for 12 Packages and IBM Value for 2 Packages. No provision was made towards shifting of electrical lines, Railway Crossings, National Highway crossings etc., while according technical sanction. Suitable provision is made towards such items costing Rs.124.68 crores. Thus extra cost. The work has been divided in to 14 convenient reaches and technical sanction was accorded. Tender process was completed for 12 packages and remaining 2 packages it is at advanced stage. Hence the cost of works were arrived by considering tender percentage for 12 packages and cost of works (ECV) for 2 packages 8 & 9 the cost of the works thus works out Rs.2282.34 crores. Estimates were prepared with SSR of the year 2005-2006 while according administrative approval. Technical sanction was given based on SSR of the year 2006-2007. Thus there is an extra cost. While according administrative approval, no provision was made towards price escalation. Now the provision is made. Hence extra cost. Comprising all deviations the cost of works for which technical sanction was accorded came to an Rs.2803 Crores and Rs.2282.34 crores considering tender premium for 12 packages for which tender process is completed. The total cost including other provisions is Rs.2525.91 Crores with 2282.34 Crores for works and 243.57 for non-works component.

3. In view of the above, the Chief Engineer, T.G.P., Srikalahasti has requested that revised administrative approval for Rs.2282.34 Crores for works and overall cost of Rs.2525.91 Crores may be accorded for completion of the Phase-II works and in consultation with Finance (W&P) Department.

4. After careful examination of the proposal, Government hereby accord revised Administrative approval with an estimated cost of Rs. 2525.91 crores (Rs. Two thousand five hundred and twenty five crores and ninety one lakhs only) for excavation and lining of Galeru Nagari Sujala Sravanti (GNSS) Canal from Km.33.170 to Km.338.721 (upto Nagari River) and excavation of Kallasagiri Canal and left canal of Mallemedugu Reservoir including formation of enroute eight reservoirs to provide irrigation facilities to 2.25 Lakh acres and drinking water to a population of 5.00 lakhs and to Tirupathi town; as per the component-wise breakup of the expenditure annexed to this order.

5. The expenditure sanctioned above shall be debited, to the following head of account:

"DA - 4701-Capital Outlay on Major and Medium Irrigation –  
Commercial – MH 133 – GNSS – under State Plan-  
27 – Canals – 530 – Major Works – 531-Other expenditure"

6. The Chief Engineer (P), Kadapa is requested to take further necessary action accordingly in the matter and ensure that works are completed within the targeted time.

7. This order issues with the concurrence of Finance (W&P) Dept. vide their U.O. No. S.P.2201/F7(A2)/2008-1, Dated: 01.03.2008

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

RAJIV RANJAN MISHRA  
SECRETARY TO GOVERNMENT

To

The Engineer-In-Chief, Telugu Ganga Project, Srikalahasthi

Copy to:

The Accountant General, A.P. Hyderabad

The Director of works Accounts, Hyderabad

The Joint Director of works Accounts, Kadapa

The P.S. to Special Secretary to Chief Minister

The P.S. to Minister for Major and Medium Irrigation

The P.S. to Secretary to Government (RRM), I&CAD

The P.A. to Advisor (TSP), Irrigation

The Finance (W&P) Department

S/Offc.

// FORWARDED BY ORDER //

*A. Birendra*  
SECTION OFFICER

Expt. no. 201/TS/ SIC/T/S/ TS/ GNSS/Ref. no. 5-6-2008  
copy forwarded to the SE, TGP & GNSS under for  
information and ref.  
Copy to T1, T4, T7 & T10  
H. N. S. - Hyderabad  
The Engineer-in-Chief  
TGP, Srikalahasthi.

Annexure to G.O.Ms No.50, Irrigation & CAD (PW-Maj. Irr. VI)  
 Department, Dated: 25.03.2008.

S. No.	Description of the work	Proposal for Revised Administrative approval (Rs. In crores)
A	Land 1) Forest Land 2) Non Forest Land	105.12
B	Works 1) Excavation and Lining of GNSS Main Canal from Km. 33.17 to 338.721. 2) Excavation and lining of Kallasaigiri Canal and Left canal of Mallemedugu Reservoir 3) Formation of 8 Reservoirs. 4) Distributaries and field channels	2282.34
C	Communications	7.33
D	Buildings	6.44
E	Miscellaneous	124.68
	<b>TOTAL</b>	<b>2525.91</b>

RAJIV RANJAN MISHRA  
 SECRETARY TO GOVERNMENT

**FLOW DIAGRAM OF MAIN CANAL & RESERVOIRS FOR DRINKING  
WATER, IRRIGATION SYSTEMS IN DROUGHT PRONE AREA OF  
CHITTOOR DISTRICT**

