



Replacement of aged / obsolete equipment & strengthening/improvement works in EHT sub-stations and Transmission lines under Renovation & Modernization Scheme during the FY: 2021-22 - Administrative approval - Regarding.

T.O.O. CE (Transmission)Ms.No.1336

Dt.14.03.2022.

PROCEEDINGS:

TSERC in its Tariff Order dt.20.03.2020 has approved Rs.59.70 Crs. for FY:2021-22 under Renovation & Modernization Scheme for procurement of materials required for replacing the aged / obsolete equipment & Strengthening / Improvement works in Sub-stations and Transmission lines which have completed their full life period. The Chief Engineer/Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad has proposed certain equipment which have completed useful life and need to be replaced in a phased manner under Renovation & Modernization scheme during the FY: 2021-22

2. After careful consideration, TSTRANSCO accords approval for procurement/ execution of Sub-station materials/ related works, Transmission line works including materials and Telecom works for Rs.59.70 Crores during FY:2021-22 (inclusive of material / works component) required for replacing the aged / obsolete equipments & strengthening / improvement works, as detailed below under Renovation & Modernization Scheme. The break-up of the materials / related works for Rs.59.70 Crs during FY:2021-22 is as detailed below.

Sl. No	Work / Supply related to		Description of Work to be taken up under RMI 2021-22	Proposed Amount in Lakhs	Remarks
1	Telecom		Renovation of Telecom lines	707.00	ANNEXURE-I
2	Lines		Strengthening of Transmission lines including Material	1724.00	NNEXURE-II
3	Sub-Stations	(i)	Procurement of SS material	639.00	ANNEXURE-III
		(ii)	Procurement & Installation of Capacitor Banks and associated Equipment	361.00	ANNEXURE-VII
		(iii)	Shifting of 33KV Equipment & 33KV Feeders from underneath of Bus to outside the Bus and Strengthening of Bus	750.00	NNEXURE-IV
4	Civil works		Metal Spreading & water supply arrangements to earth pits and Cable trenches in EHT Substations	700.00	NNEXURE-V
5	Labour Component of line works & SS works including Material			1089.00	ANNEXURE-VI
	Total			5970.00	

3. In case, if the defined Budget in any particular head is not sufficient during the execution of works under RMI FY: 2021-22, is to be taken up and revised administrative approval will be issued accordingly, limiting the total scheme cost to Rs.59.70 Crs for FY:2021-22

4. The Chief Engineer/P & MM shall procure the material under Renovation & Modernization Scheme to take up the works by the field Engineers. All the Superintending Engineers/OMC/Circle shall utilize the Budget allotted/ Material allotted to the respective circle.
5. The FA&CCA (Accounts), Vidyut Soudha shall arrange the funds for an amount of Rs.59.70 Cr. for the FY:2021-22 under RMI Budget
6. This order is issued with the concurrence of Joint Managing Director/TSTRANSCO vide Regd No.1067 Dt.10.03.2022.

(BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF TELANGANA LIMITED)

D.PRABHAKAR RAO
Chairman & Managing Director

To
The Chief Engineer/Transmission/TSTRANSCO/Vidyut Soudha/Hyderabad

Copy to:

The Executive Director (Finance)/TSTRANSCO/Vidyut Soudha, Hyderabad.
The FA & CCA (Accounts)/ TSTRANSCO / Vidyut Soudha/ Hyderabad
The Chief Engineer/P&MM/TSTRANSCO/Vidyut Soudha/ Hyderabad
The Chief Engineer/Telecom/TSTRANSCO/Vidyut Soudha/ Hyderabad
The Chief Engineer/Power System/TSTRANSCO/Vidyut Soudha/ Hyderabad
The Chief Engineer/Construction/TSTRANSCO/Vidyut Soudha/ Hyderabad
The Chief Engineer/400KV/TSTRANSCO/Vidyut Soudha/ Hyderabad
The Chief Engineer/IT& CISO /TSTRANSCO/VidyutSoudha/ Hyderabad.
The Chief Engineer/Trg. /TSTRANSCO/CTI/ Hyderabad.
The Chief Engineer/ Civil/TSTRANSCO/Vidyut Soudha/Hyderabad
The Chief Engineer/Metro Zone, Rural Zone, Warangal Zone & Karimnagar Zone.
All Superintending Engineers/OMC/TSTRANSCO.
All Divisional Engineers/O&M/TSTRANSCO.
The Superintending Engineer/Civil/TSTRANSCO/Vidyut Soudha/Hyderabad
The Superintending Engineer/Civil/Metro, Rural, Warangal & Karimnagar
The Superintending Engineer/Telecom/Metro, Rural, Warangal & Karimnagar/TSTRANSCO/Hyderabad.
The Divisional Engineer/Lines & Court cases O/o. CE/ Transmission/TSTRANSCO/ Vidyut Soudha/Hyderabad
The SAO/Budget/ TSTRANSCO/ Vidyut Soudha, Hyderabad
The Divisional Engineer(T) to the Director/Transmission/ Vidyut Soudha, Hyderabad
The Superintending Engineer (T) to the Chairman and Managing Director/ Vidyut Soudha, Hyderabad

//Forwarded by Order//

Sd/-

Divisional Engineer/SS

Current File:CE(Tr.)/SE(Tr.)/DE(SS)/ADE-1/RMI 21-22 /D.No.824/2021,Dt:14 .03.2022

Annexure-I

Budget allotted to Telecom circles to execute the works under RMI

Sl. No.	Name of the Circle /Unit	Unit Code	Allocation of RMI funds of FY:2021-22 (Rs. In Lakhs)
1	SE/Telecom/Metro	2600	219.5
2	SE/Telecom/Rural	2603	251
3	SE/Telecom/Warangal	2604	128
4	SE/Telecom/Karimnagar		108.5
	Total		707.00

Annexure-II

Budget allotted to OMC circles to execute the Major Transmission lines works under RMI

Sl. No.	Name of the Circle /Unit	Unit Code	Allocation of RMI funds of FY:2021-22 (Rs. In Lakhs)
1	SE/OMC/Metro- Central	5108	100
2	SE/OMC/Metro- East	3310	100
3	SE/OMC/Metro- West	3300	50
4	SE/OMC/Sangareddy	5102	384
5	SE/OMC/Nalgonda	5112	92
6	SE/OMC/Mahabubnagar	5113	600
7	SE/OMC/Warangal	5101	119
8	SE/OMC/Khammam	5121	100
9	SE/OMC/Nizamabad	5106	34
10	SE/OMC/Adilabad	5122	50
11	SE/OMC/Karimnagar	5111	95
	Total		1724.00

Sd/-

Chief Engineer / Transmission

//Forwarded by Order//

Sd/-

Divisional Engineer/SS

ANNEXURE-III

S l. N o	Description of the equipment	M C	M E	M W	S R D	N L G	M B N R	W G L	K M M	K N R	N Z B	A D B	Proposed Quantity for procurem ent.	unit cost	Total Cost
1	132KV PTR Panels					3	2		4				9	893920.09	8045280.81
2	132KV Feeder Panels			9	0	3							12	529029.44	6348353.28
3	132KV Breakers			9		5		4	2				20	625978.89	12519577.8
4	220V,200AH Battery sets	1	1	1	1	2	2	2	1	2	1	1	15	388850.0	5832750.0
5	220V,100AH Battery sets	1	1	1	1	2	2	2	1	2	1	1	15	231640.0	3474600.0
6	220V,200AH Battery Chargers	1	1	1	1	1	1	1	1	1	1		10	251731.4	2517313.5
7	220V,100AH Battery Chargers.	1	1	1	1	2	2	2	1	2	1	1	15	238559.3	3578389.5
8	220V,400AH Battery set(VRLA)		1	1		1							3	1318240	3954720
9	220V,400AH Battery Charger		1			1							2	960000	1920000
10	400KV LAS(3 or 4Stocks)		1 0			1							11	118985.9	1308844.46
11	25KVA DG Sets	1	2	2	2	1	1	1	1	2	1	1	15	307911.2	4618667.25
															54118496.60
Rupees in lakhs															541.18
Add GST @ 18%															638.5924

Say Rs. 639.00

Sd/-
Chief Engineer/Transmission

//Forwarded by Order//

Sd/-
Divisional Engineer/SS

ANNEXURE –IV

Shifting of 33KV Equipment & 33KV Feeders from underneath of Bus to outside the Bus and Strengthening of Bus in EHT Sub-stations			
Sl. No.	Name of the Circle /Unit	Unit Code	Allocation of RMI funds of FY:2021-22(Rs. In Lakhs)
1	SE/OMC/Metro- Central	5108	50
2	SE/OMC/Metro- East	3310	50
3	SE/OMC/Metro- West	3300	50
4	SE/OMC/Sangareddy	5102	100
5	SE/OMC/Nalgonda	5112	80
6	SE/OMC/Mahabubnagar	5113	80
7	SE/OMC/Warangal	5101	60
8	SE/OMC/Khammam	5121	60
9	SE/OMC/Nizamabad	5106	60
10	SE/OMC/Adilabad	5122	60
11	SE/OMC/Karimnagar	5111	100
	Total		750

ANNEXURE –V

Metal Spreading & water supply arrangements to earth pits and Cable trenches in EHT Substations.			
Sl. No.	Name of the Circle /Unit	Unit Code	Allocation of RMI funds of FY:2021-22 (Rs. In Lakhs)
1	SE/OMC/Metro- Central	5108	100
2	SE/OMC/Metro- East	3310	78
3	SE/OMC/Metro- West	3300	100
4	SE/OMC/Sangareddy	5102	50
5	SE/OMC/Nalgonda	5112	80
6	SE/OMC/Mahabubnagar	5113	50
7	SE/OMC/Warangal	5101	42
8	SE/OMC/Khammam	5121	50
9	SE/OMC/Nizamabad	5106	50
10	SE/OMC/Adilabad	5122	50
11	SE/OMC/Karimnagar	5111	50
	Total		700

Sd/-
Chief Engineer / Transmission

//Forwarded by Order//

Sd/-

Divisional Engineer/SS

Annexure-VI

Labour component of Lines and Substations including Material

Sl. No.	Name of the Circle /Unit	Unit Code	Allocation of RMI funds of FY:2021-22 (Rs. In Lakhs)
1	SE/OMC/Metro- Central	5108	99
2	SE/OMC/Metro- East	3310	99
3	SE/OMC/Metro- West	3300	99
4	SE/OMC/Sangareddy	5102	99
5	SE/OMC/Nalgonda	5112	99
6	SE/OMC/Mahabubnagar	5113	99
7	SE/OMC/Warangal	5101	99
8	SE/OMC/Khammam	5121	99
9	SE/OMC/Nizamabad	5106	99
10	SE/OMC/Adilabad	5122	99
11	SE/OMC/Karimnagar	5111	99
	Total		1089

Annexure-VII

Procurement & Installation of Capacitor Banks and associated Equipment

Sl. No.	Name of the Circle /Unit	Unit Code	Allocation of RMI funds of FY:2021-22 (Rs. In Lakhs)
1	SE/OMC/Metro- Central	5108	Break-up will be issued separately
2	SE/OMC/Metro- East	3310	
3	SE/OMC/Metro- West	3300	
4	SE/OMC/Sangareddy	5102	
5	SE/OMC/Nalgonda	5112	
6	SE/OMC/Mahabubnagar	5113	
7	SE/OMC/Warangal	5101	
8	SE/OMC/Khammam	5121	
9	SE/OMC/Nizamabad	5106	
10	SE/OMC/Adilabad	5122	
11	SE/OMC/Karimnagar	5111	
	Total		361

Sd/-

Chief Engineer/Transmission

//Forwarded by Order//

Sd/-

Divisional Engineer/SS