



# SOUTHERN POWER DISTRIBUTION COMPANY OF T.S LIMITED

From,  
THE SUPERINTENDING ENGINEER  
OPERATION  
GHYD CENTRAL CIRCLE  
TSSPDCL  
HYDERABAD

67  
Date 9/4/21  
AO/ADM  
AE/Tech

To,  
BJR GOVT DEGREE COLLEGE  
0  
NARAYANAGUDA  
HYDERABAD  
NARAYANAGUDA

DEE/OP/Azamabad

LR.NO.SE/OP/CC/COMML/E. /D.R.NO.297/D.NO.5299/2020-21. DATED:31/03/2021.

Sub:- TSSPDCL - Revised estimate for extension of LT Supply to M/s.BJR GOVT. DEGREE COLLEGE, at Vittalwadi, Narayanaguda, Hyderabad for an additional load of 25 KW on existing 1 No. Three Phase Non-Domestic Service (i.e., F3007081) of 25 KW load. Thus making a total load of 50 KW (With CT Meter) and duly proposing a separate 63 KVA DTR in Narayanaguda Section of Azamabad Division under capital works vide ICSC Regd.No.AL901202278586, Dtd.26.11.2020  
- Payment Intimation - As per your Request - Reg.

Ref No: SANCTION MEMO NO.SE/OVCC/CL/F.D.R.NO.297/D.NO.5298/2020-21, DATED:31/03/2021.  
Estimate Number: E-2020-10-02-41-01-013

The permission accorded is subjected to the following conditions:

- The work should be executed by a Licensed Contractor as per the standards of TSSPDCL under supervision THE ASSISTANT DIVISIONAL ENGINEER OPERATION AZAMABAD SUB-DIVISION .
- The material used in the work should conform to TSSPDCL specifications.
- If unforeseen calamities/ accidents occur during the execution of work, the TSSPDCL authorities are not held responsible for such incidents and consequential losses or damages. It is the responsibility of the consumer for any loss of material utilised in completing the work till all the services contemplated in the proposal are released.
- Major materials like AB Switches, HG Fuse sets, Conductor, Structure steel and other materials should be purchased as per TSSPDCL specifications along with test certificate from TSSPDCL vendor. The bills/voucher of materials purchased along with test certificate should be produced to concerned CSC/ICSC before execution of work.
- The work will be executed as per the sketch enclosed. The work executed by consumer shall be taken over by the TSSPDCL after statutory TSSPDCL after statutory inspection of TSSPDCL officials. The installation shall be deemed to the property of TSSPDCL after such takeover.
- The consumer should provide sealing arrangement for control panel and meeting equipment.
- The consumer shall clear off the dues of UDC/Bill stopped services if any existing in the premises or found at a later date and no court cases pending. If any legal disputes arise electricity supply will be disconnected to the premises.
- There should not be any 11 KV /LT lines passing through from other source of supply in the proposed premises.
- Distribution Transformer will be provided by the TSSPDCL by collecting the cost of DTR/Development charges whichever is higher.
- Obtaining CBG/CEA approval for electrical installing. Obtaining NOC as per requirement of A.P Fire Services act 1999, Multi-storied building regulations.
- No service connection shall be released for Multi-storied buildings / Complexes greater than 10Mtrs in height unless occupancy certificate from concerned authorities.

12. You are requested to pay the following charges through a single DD in the Customer Service center / Integrated Customer Service center

A. Serviceline charges	Rs.	2,97,414.00	
B. Development charges.	Rs.	0.00	In case, DTR cost is greater than Development charges, DTR cost is included in Service line charges. And
CGST on Development Charges @9%	Rs.	0.00	DC Cost = 0.
SGST on Development Charges @9%	Rs.	0.00	
C. Security deposit charges	Rs.	20,000.00	
D. Application Fee	Rs.	0.00	In Case DTR is procured by Consumer and total DTR cost is greater than DC, neither DC nor DTR cost will be collected .
CGST on Application Fee @9%	Rs.	0.00	
SGST on Application Fee @9%	Rs.	0.00	
E. PTR Cost	Rs.	0.00	
F. Performance Security Charges	Rs.	9,434.00	
<b>Total Amount</b>	<b>Rs.</b>	<b>3,26,848.00</b>	

13. You are requested to pay an Amount Rs. 3,26,848.00 in shape of Demand Draft in favour of TSSPDCL Payable at HYDERABAD

and handed over to in charge of C.S.Center/Integrated C.S.Center.

14. D.D must be received to concerned CSC within 60 days from D.D issue date.

15. Payments must be received before 29-06-2021 , if not received existing registration will be cancelled.

SD/-  
SUPERINTENDING ENGINEER

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Copy to the Divisional Engineer/Op/Azamabad.  
Copy to the Senior Accounts Officer/Central Circle.

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# SOUTHERN POWER DISTRIBUTION COMPANY OF T.S. LIMITED

Office of  
THE SUPERINTENDING ENGINEER  
OPERATION  
GHYD CENTRAL CIRCLE  
TSSPDCL  
HYDERABAD

SANCTION MEMO NO. SE/O/CC/CL/E.D.R.NO.297/D.NO.5298/2020-21. DATED:31/03/2021.

Sub:- "Elec - TSSPDCL - Operation Circle Central, Hyderabad - Revised estimate for extension of LT Supply to M/s.BJR GOVT. DEGREE COLLEGE, at Vittalwadi, Narayanaguda, Hyderabad for an additional load of 25 KW on existing 1 No. Three Phase Non-Domestic Service (i.e., F3007081) of 25 KW load. Thus making a total load of 50 KW (With CT Meter) and duty proposing a separate 63 KVA DTR in Narayanaguda Section of Azamabad Division under capital works vide ICSC Regd.No.AL901202278586, Dtd.26.11.2020 - Sanction accorded - Reg."

Ref : Estimate Number: E-2020-10-02-41-01-013

The above estimate is administratively approved and technically sanctioned and registered as SE/OP/CENTRAL CIRCLE/HYDERABAD/D.R.NO.297/2020-21.

The sanction accords is subject to the following conditions:

1. TSSPDCL after careful examination of the above proposal hereby accords approval for the scheme at a cost of 4,11,689.00
2. In exercise of the powers conferred under section 42.1 of the Electricity Act, 2003 Central Act. No.36 of 2003 it system in his area of supply and to supply electricity in accordance with the provisions contained in this act.
3. The sanction accorded in para-1 above is subject to instructions issued already on release of service and tariff as may be in force from time to time.
4. The expenditure is chargeable to TSSPDCL-Capital Receipts and Expenditure- B, Expenditure-2 Transmission Lines (Including Sub-Stations) 3 Distribution System (Including Sub-Stations) capital works in progress Transmission plant (Extra High Voltage A/C. No.0204) Distribution System (High Voltage A/C. No.0204) Distribution System Medium Voltage (A/C. No.0206) Street Lighting.
5. The work will be executed by THE ASSISTANT DIVISIONAL ENGINEER OPERATION AZAMABAD SUB-DIVISION and all necessary approvals and payments must be ensured before release of supply.
6. Consumer has to pay the following charges through a single DD, in the Customer Service Center / Integrated Customer Service Center.

A. Serviceline charges	Rs.	2,97,414.00
B. Development charges / DTR Cost	Rs.	0.00
CGST on Development Charges	Rs.	0.00
SGST on Development Charges	Rs.	0.00
C. Initial Consumption Deposit	Rs.	20,000.00
D. Application Fee	Rs.	0.00
CGST on Application Fee	Rs.	0.00
SGST on Application Fee	Rs.	0.00
E. PTR Cost	Rs.	0.00
F. Performance Security Charges	Rs :	9,434.00

Total Amount Rs. 3,26,848.00

SD/-

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GHMC Building Permission & Occupancy certificate shall be produced at the time of release of service without fail as per vide Circular Memo No.CMD/CGM (Comm1)/ SE(C)/DE(C)/ADE-I/ D.No.410/15, Dt.16.05.2015. Note: Please ensure the GHMC permission validity while releasing the services.

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*Sreed*  
//ASST.DIVISIONAL ENGINEER/TECH.//

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Office of  
THE SUPERINTENDING ENGINEER  
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B. Development charges / DTR Cost	Rs.	0.00
CGST on Development Charges	Rs.	0.00
SGST on Development Charges	Rs.	0.00
C. Initial Consumption Deposit	Rs.	20,000.00
D. Application Fee	Rs.	0.00
CGST on Application Fee	Rs.	0.00
SGST on Application Fee	Rs.	0.00
E. PTR Cost	Rs.	0.00
F. Performance Security Charges	Rs :	9,434.00

**Total Amount** Rs. 3,26,848.00

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*Steel*  
//ASST.DIVISIONAL ENGINEER/TECH.//



# SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

E/s. to M/s. BJR Degree College, N'Guda

Revised estimate for extension of LT Supply to M/s.BJR GOVT. DEGREE COLLEGE, at Vittalwadi, Narayanaguda, Hyderabad for an additional load of 25 KW on existing 1 No. Three Phase Non-Domestic Service (i.e., F3007081) of 25 KW load. Thus making a total load of 50 KW (With CT Meter) and duly proposing a separate 63 KVA DTR in Narayanaguda Section of Azamabad Division under capital works vide ICSC Regd.No.AL901202278586, Dtd.26.11.2020.

Note: The work is will be taken up by departmentally has the consumer is not willing to take up the work on turnkey.

Division	: SE/OP/GHYD CENTRAL	Section	: AE NARAYANAGUDA 54
Project Type	: SC-Extension of Supply (LT)	Cost Center	: 110241101
Estimate No.	: E-2020-10-02-41-01-013	Estimate Description	: E/s. to M/s. BJR Degree College, N'Guda
Network No.	: 520000269102	Estimate Created Date	: 27.01.2021
Reservation No.	: 8001932411	Plant	: 1080
User Status	: APRD NBGD	System Status	: CRTD AVAC
Estimate Approved date	: 31.03.2021	Estimate Sanctioned By	: GHC_SE

Work to be executed by : DEPARTMENT

CSC Ren no.	Appl. Name	HT/ LT	Cat. 1	Sub. Cat.1	C.L1	Cat. 2	Sub_ cat.2	C.L2	Bi-Mon.	Doc. Rec.	Ser. Con.	Exst. Load
AL901202278586	BJR GOVT DEGREE COLLEGE	LT	02	000	50.00	00	00	0.00		X		25,000.00

Estimate Cost (Gross) :		411689.07
Less Credits :		25.30
Estimate Cost (Net) :		411663.77
10% Incidental Charges to be collected :		39275.813
SL.No.	Proposals involves	Total in Rs.
1	10 - E/s. to M/s. BJR Degree College, N'Guda	287586.24
2	20 - Labour and Transport	124102.8302

Less Credits (Optional):							
S.No	Materials Code	Materials Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SCR00057	Meter Body Scrap	Stock item	1.000	KG	25.30	25.30
Total less credits							25.30



# SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

Activity No : 10

Activity Description : E/s. to M/s. BJR Degree College, N'Guda

S.No	Materials Code	Materials Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	ABS10002	11KV 200A TT AB SWITCH WITH INSULATORS	Stock item	1	EA	6,632.78	6,632.78
2	HGF10002	11KV HG Fuse Sets with Insulators	Stock item	1	EA	1,749.00	1,749.00
3	CBX00004	LT XLPE Cable 1 Core 120 Sq. mm	Stock item	40.000	M	73.52	2,940.80
4	CAH00178	GPRS Modem	Stock item	1	EA	3,823.70	3,823.70
5	BXS00047	LT Distribution Boxes (SMC)	Stock item	1	EA	8,218.66	8,218.66
6	MTE30026	LT TVR Meters (4 CTs-0.5S)-DLMS protocol	Stock item	1	EA	5,923.60	5,923.60
7	WRS00005	G.I. Wire 4mm ( No.8)	Stock item	10.000	KG	68.44	684.40
8	MST00032	RS Joist 175x85mm	Stock item	500.000	KG	58.41	29,205.00
9	CPT00025	LT CAPACITOR 1X10KVAR	Stock item	1	EA	2,614.44	2,614.44
10	CBX00013	LT XLPE Cable 3 1/2 Core 95 Sq. mm	Stock item	25.000	M	227.40	5,685.00
11	MST00013	MS Channel 75x40 mm	Stock item	80.000	KG	49.68	3,974.40
12	MST00014	MS Flat 50x6 mm	Stock item	40.000	KG	48.82	1,952.80
13	FBR00016	LT/11KV M.S. Back Clamps	Stock item	6	SET	128.00	768.00
14	INS10003	11KV Polymer Insulators (C&T)	Stock item	6	EA	123.90	743.40
15	HWR00002	11KV Metal parts(C&T)	Stock item	6	SET	99.12	594.72
16	MST00002	MS Angle 50x50x6	Stock item	30.000	KG	49.17	1,475.10
17	CDR00003	AAA conductor 55 Sq. mm	Stock item	100.000	M	28.34	2,834.00
18	INS10009	11KV Polymer Pin Insulators with GI pins	Stock item	6	EA	157.84	947.04
19	DTC30128	3-PH 63KVA DTR with BIS EE Level-3	Stock item	1	EA	94,339.82	94,339.82
20	MTE30040	LT TVR 100/5A PP 0.5S (CAT-C) DLMS&IRDA	Stock item	1	EA	9,654.42	9,654.42
21	CBA10004	11KV AB Cable XPLE 3C X 35+35 Sq. mm	Stock item	250.000	M	214.90	53,725.00
22	PLS00004	PSCC Poles 9.1 Mts 280Kgs	Stock item	3	EA	2,948.82	8,846.46
23	INS10003	11KV Polymer Insulators (C&T)	Stock item	3	EA	123.90	371.70
24	HWR00002	11KV Metal parts(C&T)	Stock item	3	SET	99.12	297.36
25	TLE10045	Sim Card	Stock item	1	EA	533.00	533.00
<b>Material Cost</b>							<b>248,534.60</b>
3 % S & H Charges :							6742.14
3 % Contingencies on materials:							7456.04
10 % Estt. & General Charges :							24853.46
<b>Total :</b>							<b>287586.24</b>



# SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

Activity No : 20

Activity Description : Labour and Transport

S.No	Services Code	Services Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR10642	Fabrication of 175x85/150x75mm RS joist	-	2	EA	402.00	804.00
2	SWR20102	Erection of 11kv TT type AB switch	-	1	EA	1,404.54	1,404.54
3	SWR10395	Erect. of 11kv HG Fuseset incl earthing	-	1	SET	660.00	660.00
4	SWR10356	Mass concreting of supports incl. cement	-	2.520	M3	5,160.00	13,003.20
5	SWR10463	Erection of Three Phase DTRs	-	1	EA	1,525.00	1,525.00
6	SWR21844	Column type DTR Plinth topslab 5'x5'x6"	-	1	EA	25,650.00	25,650.00
7	SMR11483	S-CI Pipe earthing 80mm dia 2.75m long	-	3	EA	2,789.00	8,367.00
8	SWR10357	ERECT. OF LINES-Providing of earthing	-	3	EA	1,100.00	3,300.00
9	SWR10522	UNLOADING of R.S. Joists 175 x 85 mm	-	2	EA	50.00	100.00
10	SWR10107	EXCAVATION OF PIT (2.6" x 2.6" x 6.0")	-	4	EA	377.00	1,508.00
11	SWR11013	Laying of UG Cable LT 3 1/2 x 95 Sqmm	-	25.000	M	157.00	3,925.00
12	SWR10674	Erection of LT distribution box	-	1	EA	1,242.00	1,242.00
13	SWR20476	Erection of control panel.	-	1	LS	1,100.00	1,100.00
14	SWR10365	Stringing of 55sqmm 33/11kv Line 3 Cond	-	0.030	KM	7,469.00	224.07
15	SWR22356	Laying of 1Core XLPE 120Sqmm Cable	-	40.000	M	20.00	800.00
16	SWR10204	LOADING of R.S. Joists 175 x 85 mm	-	2	EA	76.00	152.00
17	SMR11485	S-Earthing GI flat 25x3 mm incl material	-	40.000	KG	84.00	3,360.00
18	SMR11488	S-GI Bolts & Nuts, Washers etc.,	-	10.000	KG	94.00	940.00
19	SWR10640	Painting of RS Joist(1C RO, 2C Al.Paint)	-	1	EA	951.00	951.00
20	SWR10336	Erection of CT meter on LV side of DTRs	-	2	EA	866.00	1,732.00
21	SWR11887	Erect-Capacitor Units	-	1	EA	550.00	550.00
22	SMR40132	Supply of 120 Sqmm Aluminium lugs	-	4	EA	12.52	50.08
23	SWR11267	Erect-12Meter Box pole	-	1	EA	3,056.00	3,056.00
24	SMR11511	S-100A MCB (4 Pole)	-	1	EA	1,400.00	1,400.00
25	SWR11374	Fixing of 100A MCB (4 Pole)	-	1	EA	221.00	221.00
26	SWR10343	ERECTION OF LINES-Erection of 9.1M Pole	-	3	EA	1,621.00	4,863.00
27	SWR20308	Sub transport of 9.1Mt PSCC Pole	-	3	EA	363.00	1,089.00



# SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

28	SMR11504	S-of 11KV AB cable end kits	-	4	SET	950.00	3,800.00
29	SWR22171	Strng of 11KV 3C X35 +35 Sqmm AB cable	-	250.000	M	24.78	6,195.00
30	SWR10667	End Terminatn of AB cable 120 to 185 Sqmm	-	4	EA	800.00	3,200.00
31	SMR22300	Supply of Control Pannel	-	1	EA	10,000.00	10,000.00
Service Cost							105,171.89
GST 18%							18,930.94
3 % S & H Charges :							0.00
3 % Contingencies on materials:							0.00
10 % Estt. & General Charges :							0.00
Total :							124102.83

## Estimate Cost Calculation Sheet

WBS Element : E-2020-10-02-41-01-013      WBS Desc. : E/s. to M/s. BJR Degree College, N'Guda  
 Work Executed by : DEPARTMENT  
 Service Connection Estimate : NO  
 Estimate Plan Cost : 4,11,689.00

CSC Registration Number	Applicant Name	HT / LT	Cat.	Sub-cat. / Volt.	Con. load	Cat.	Con. load	Bl. Monthly	All Doc. Received	No of Shifts	Exst. load	Exst. Cat	Exst. SD
AL901202278586	BJR GOVT DEGREE COLLEGE	LT	02		50,000				X		25,000		68,752

### SD Calculation:

CSC Registration Number	Cat.	Cont. load	Tariff S.D	Tariff D.C	Cat.	Cont. load	Tariff S.D	Tariff D.C	No. of Times S.D	No of Shifts	S.D Charges	Development Charges
AL901202278586	02	25,000	0800	1200					1		20,000	30,000
<b>Total</b>	<b>00</b>	<b>0</b>									<b>20,000</b>	<b>30,000</b>

### DC Calculation / DTR:

New DTR Cost : 94,339.82  
 DC as per Load (incl GST) : 35,400.00  
 Final Dev. Charges : 0.00

Sl. No.	Material	Material Description	Quantity

Sl. No	Material	Material Description	Quantity	Unit Price	Total Price

12% GST on Road Cutting Charges : 0.00  
 CGST Incidental charges : 0.00  
 SGST Incidental charges : 0.00

### Service Line Charges Calculation :

Estimate Plan cost : 4,11,689.00  
 Dept. issued Mat. cost : 19,934.72  
**SL Charges : 2,97,414.00**

SLC  
 SLC Cost (Excl GST)

### Materials procured by Consumer :

Material	Material Description	Quantity	Unit Price	Total Price
DTC30128	3-PH 63KVA DTR with BIS EE Level-3	1	94,339.82	94,339.82
<b>Total</b>				<b>9,433.98</b>
10% PFSCh.	10% Performance Security Charges			

Incidental charges (Incl. GST) : 0.00  
 Serviceline charges : 2,97,414.00  
 Development charges : 0.00  
 CGST on Development Charges : 0.00  
 SGST on Development Charges : 0.00  
 Application Fee : 0.00  
 PTR Cost : 0.00  
 Security Deposit charges : 20,000.00  
 DTR Cost : 0.00  
 DTR Storage and Handling : 0.00  
 CGST : 0.00



CS

### Estimate Cost Calculation Sheet

WBS Element :  
Work Executed by : DEPARTMENT  
Service Connection Estimate : NO  
Estimate Plan Cost : 4,11,689.00

WBS Desc : E/s. to M/s. BJR Degree College, N'Guda

SGST	:	0.00
DTR Contingency	:	0.00
CGST	:	0.00
SGST	:	0.00
Materials cost	:	0.00
Materials Storage and Handling	:	0.00
CGST	:	0.00
SGST	:	0.00
Material Contingencies	:	0.00
CGST	:	0.00
SGST	:	0.00
10% Performance Security Charges	:	9,434.00
<b>Total Amount</b>	:	<b>3,26,848.00</b>