

ANNEXURE E



MANGAUNG
AT THE HEART OF IT ALL

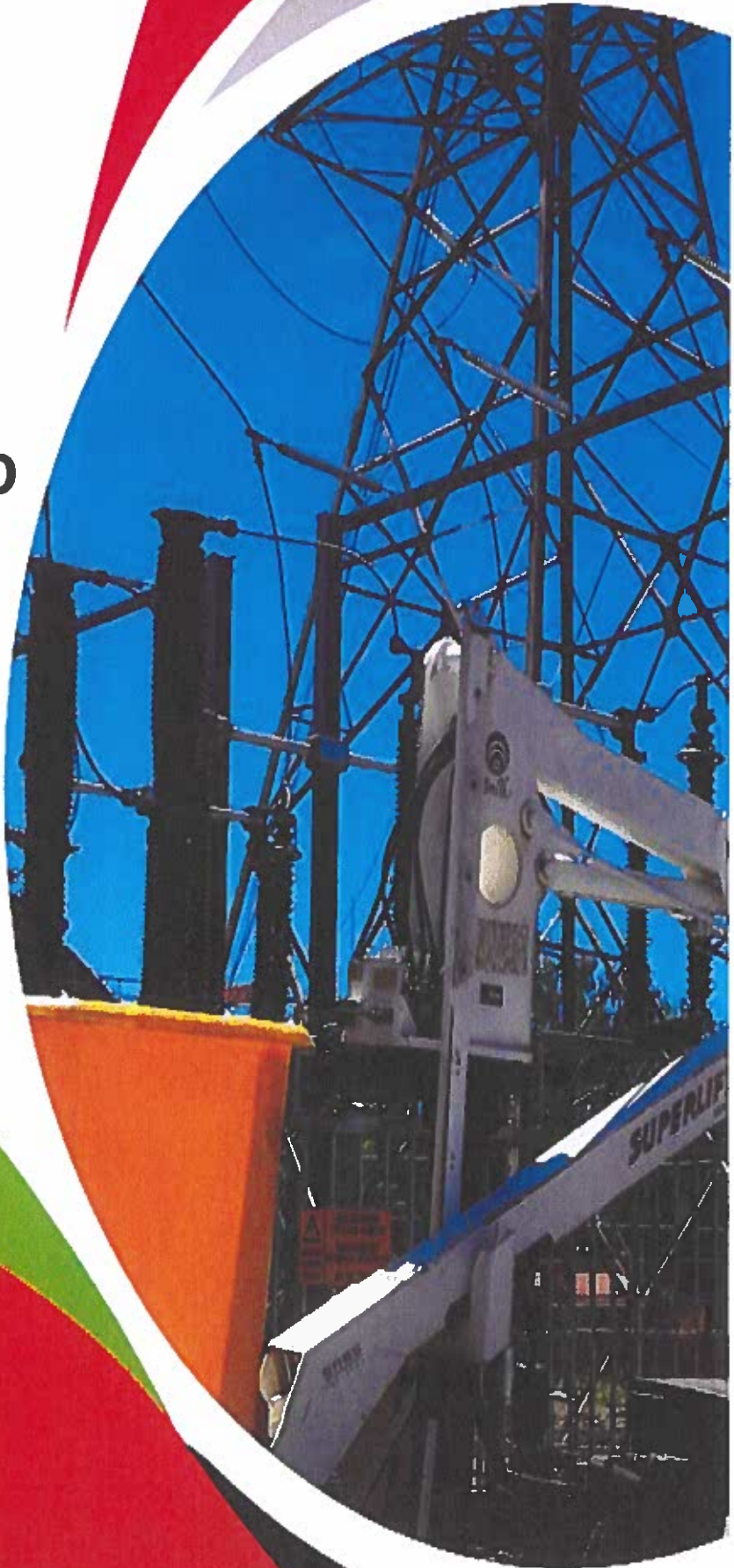


CENTLEC
Reg No 2003/011612/30

CENTLEC (SOC) LTD

GRANT FUNDED PROJECTS

MTREF 2024-25



EXECUTIVE SUMMARY

Following the discussions of the benchmarking Mid-Term Budget Assessment Report (Q2) meeting held on the 28 February 2024, with National Treasury, **CENTLEC** identified **CATALYTIC PROJECTS** that meets all the conditions as promulgated in the approved Division Of Revenue Act (DORA) for the new MTREF period under review. Currently these projects are funded from internal generate revenue which depends on cash-flow to accelerate service delivery as expected. Notably, all the identified catalytic projects qualifies the conditions as gazette in the DORA and therefore the application to consider for grant funding.

The application for grant funding in the MTREF 2024-27 is for the following Catalytic Projects:

PROJECT ID	PROJECT DETAILS	GRANT FUNDING	MTREF 2024-25	MTREF 2025-26	MTREF 2026-27
PROJECT 1	BOTSHABELO: ESTAB OF 132KV CONN (INDU AREA)	USDG/ISUPG	12.5M	13M	13.6M
PROJECT 2	BOTSH-E: EST NEW 33/11KV 10MVA FIRM CAP	USDG/ISUPG	18M	18.8M	19.6M
PROJECT 3	BOTSH: UPG SUB T (2 nd TRANS SCADA EQUIPMENT)	USDG/ISUPG	6.5M	6.8M	7.1M
PROJECT 4	BOTSH: UPG SUB W (C/WORK B/W 2ND TRA S/D	USDG/ISUPG	15M	15.6M	16M
PROJECT 5	BLOEM: C/Y-EST 33/11KV 20MVA FIRM SUPDC	USDG/ISUPG	21M	21.9M	22.9M
PROJECT 6	BLOEM: N/STAD-UPG 132/11KV 20MVA FIRM DC	USDG/ISUPG	13.5M	14.1M	14.7M
PROJECT 7	REPAIR VISTA DISTRIBUTION CENTER	USDG/ISUPG	26M	27.1M	28.4M
PROJECT 8	UPGRADE 132/11KV, 20MVA DC, SHANNON B	USDG/ISUPG	8M	8.3M	8.7M
PROJECT 9	SMART METERING	SM	100M	100M	100M
PROJECT 10	EEDSM (Street and High Mast Lighting)	DSM	50M	52.3M	54.6M
PROJECT 11	INFRA CATALYST PROJECTS (SSEG)	DSM	50M	52.3M	54.6M
PROJECT 12	ELECTRIFICATION OF PROJECTS	ISUPG	24.7M	25.8M	26.9M
PROJECT 13	ELECTRIFICATION – NEW HIGH MASTS	USDG	10.36M	8.6M	9.2M

Based on discussions and engagements with the parent municipality the following was agreed upon:

FUNDING BY SOURCE	2024-25 MTREF	2024-25 ADJUSTMENT BUDGET	MTREF 2025-26	MTREF 2026-27	MTREF 2027-28
INFORMAL SETTLEMENTS UPGRADING GRANT - ISUPG	24 700 000.00	54 700 000.00	57 106 800.00	59 676 606.00	61 168 521.15
URBAN SETTLEMENT DEVELOPMENT GRANT - USDG	10 360 000.00	30 360 000.00	31 695 840.00	33 122 152.80	33 950 206.62
DEMAND SIDE MANAGEMENT (DSM) GRANT	-	11 000 000.00	11 484 000.00	12 000 780.00	12 300 799.50

PROJECT 1 - BOTSHABELO: ESTAB OF 132KV CONN (INDU AREA)

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

4. Wards

Botshabelo – Various Wards (28 – 38)

CATALYTIC PROJECT SUMMARY FACT SHEET – PROJECT 1			
PROJECT NAME	BOTSHABELO: ESTAB OF 132KV CONN (INDU AREA)		
DEVELOPER/OWNER	MANGAUNG METRO / CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	<p>To establish a new 132kV connection from Eskom side to provide firm capacity which will cater for the current and future developments on the industrial area and surrounding areas. To also provide stability on the 132kV infrastructure.</p> <p>Scope of work Manufacturing, supply, installation, testing, commissioning and handing over of three new 132/11kV 30MVA transformers complete with tap change control and protection facilities, which includes amongst other all civil and electrical works, with the inclusion of the associated 11kV and 132kV infrastructures, and all other related protection, quality assurance, communication, monitoring, SCADA, metering equipment mounted in control panels, as well as an alarm and security surveillance systems for the new Botshabelo 132/11kV Substation IA.</p>		
CURRENT STATUS	<p>CD 51 Bid (Design, Manufacture, Supply, Delivery, Installation, Erection and Cold Commissioning of High and Medium Voltage Power Transformers and All Related Equipment) to be adjudicated before 22nd of March 2024.</p> <p>Civil works to be advertised before end of March 2024</p>		

PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R12,5 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 200 opportunities annually

PROJECT 2 - BOTSH-E: EST NEW 33/11KV 10MVA FIRM CAP

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

4. Wards

Botshabelo – Various Wards (28 – 38)

CATALYTIC PROJECT SUMMARY FACT SHEET – PROJECT 2			
PROJECT NAME	BOTSH-E: EST NEW 33/11KV 10MVA FIRM CAP		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	Provision of firm capacity for the current and future development happening in Botshabelo. Installation of 2 x 10 MVA. Scope of Works Manufacturing, supply, installation, testing, commissioning and handing over of a new distribution center with two new 33/11kV 10MVA transformers complete with tap change control and protection facilities, which includes amongst other all civil and electrical works, establishing of 33kV and 11kV feeder lines, switching infrastructures, and all other related protection, quality assurance, communication, monitoring, SCADA, metering equipment mounted in control panels, as well as an alarm and security surveillance systems for the new Botshabelo, Substation E 33/11kV Distribution Centre.		
CURRENT STATUS	CD 51 Bid (Design, Manufacture, Supply, Delivery, Installation, Erection and Cold Commissioning of High and Medium Voltage Power Transformers and All Related Equipment) to be adjudicated before 22 nd of March 2024. Civil works to be advertised before end of March 2024		

PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R18 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 500 opportunities annually

PROJECT 3 - BOTSH: UPG SUB T (2nd TRANS SCADA EQUIPMENT)

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

4. Wards

Botshabelo – Various Wards (28 – 38)

CATALYTIC PROJECT SUMMARY FACT SHEET – PROJECT 3			
PROJECT NAME	BOTSH: UPG SUB T (2 nd TRANS SCADA EQUIPMENT)		
DEVELOPER/OWNER	MANGAUNG METRO / CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	<p>Upgrading of the substation by installing a 2nd transformer to cater for the current and future load.</p> <p>Scope of works</p> <p>Manufacturing, supply, installation, testing, commissioning and handing over of one new 33/11kV 10MVA transformer complete with tap change control and protection facilities, which includes amongst other all civil and electrical works, with the upgrading of the associated existing 11kV switching infrastructures, and all other related protection, quality assurance, communication, monitoring, SCADA, metering equipment, mounted in control panels, as well as alarm and security surveillance systems for the existing Substation T 33/11kV Distribution Centre.</p>		
CURRENT STATUS	<p>CD 51 Bid (Design, Manufacture, Supply, Delivery, Installation, Erection and Cold Commissioning of High and Medium Voltage Power Transformers and All Related Equipment) to be adjudicated before 22nd of March 2024.</p> <p>Civil works to be advertised before end of March 2024</p>		

PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R 6,5 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 120 opportunities annually

PROJECT 4 - BOTSH: UPG SUB W (C/WORK B/W 2ND TRA S/D

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

4. Wards

Botshabelo – Various Wards (28 – 38)

CATALYTIC PROJECT SUMMARY FACT SHEET – PROJECT 4			
PROJECT NAME	BOTSH: UPG SUB W (C/WORK B/W 2ND TRA S/D		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	<p>Upgrading of the substation by installing a 2nd transformer to cater for the current and future load.</p> <p>Scope of works Manufacturing, supply, installation, testing, commissioning and handing over of two new 33/11kV 10MVA transformers complete with tap change control and protection facilities, which includes amongst other all civil and electrical works, with the upgrading of the associated existing 11kV switching infrastructures, and all other related protection, quality assurance, communication, monitoring, SCADA, metering equipment mounted in control panels for the existing Botshabelo 33/11kV Substation W</p>		
CURRENT STATUS	CD 51 Bid (Design, Manufacture, Supply, Delivery, Installation, Erection and Cold Commissioning of High and Medium Voltage Power Transformers and All Related Equipment) to be adjudicated before 22 nd of March 2024. Civil works to be advertised before end of March 2024		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		

CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R 15 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 350 opportunities annually

PROJECT 5 - BLOEM: C/Y-EST 33/11KV 20MVA FIRM SUPDC

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality’s electricity service delivery objectives.

1. Wards

Botshabelo – Various Wards (28 – 38)

CATALYTIC PROJECT SUMMARY FACT SHEET – PROJECT 5			
PROJECT NAME	BLOEM: C/Y-EST 33/11KV 20MVA FIRM SUPDC		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	Provision of firm supply at the Distribution Center and upgrading of the switching infrastructure. Scope of work Manufacturing, supply, installation, testing, commissioning and handing over of two new 33/11kV 20MVA transformers complete with tap change control and protection facilities, which includes amongst other all civil and electrical works, with the upgrading of the associated existing 11kV switching infrastructures, and all other related protection, quality assurance, communication, monitoring, SCADA, metering equipment, mounted in control panels, as well as alarm and security surveillance systems for the existing Coal Yard 33/11kV Distribution Centre.		
CURRENT STATUS	CD 51 Bid (Design, Manufacture, Supply, Delivery, Installation, Erection and Cold Commissioning of High and Medium Voltage Power Transformers and All Related Equipment) to be adjudicated before 22 nd of March 2024. Civil works to be advertised before end of March 2024		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R 21 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 700 opportunities annually

PROJECT 6 - BLOEM: N/STAD-UPG 132/11KV 20MVA FIRM DC

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

1. Wards

Bloemfontein – Wards (1 & 2)

CATALYTIC PROJECT SUMMARY FACT SHEET			
PROJECT NAME	BLOEM: N/STAD-UPG 132/11KV 20MVA FIRM DC		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	Provision of firm capacity to cater for current and future developments. Installation of additional 1 x 20MVA Transformer and associated works. <u>Scope of works</u> Procurement, installation and commissioning of an additional 20MVA 132/11kV transformer complete with the online tap changers, one 200kVA NECTR's and the relevant additional 132kV switching and isolation equipment complete with its associated protection, control and monitoring equipment to be placed in the existing yard layout and building.		
CURRENT STATUS	CD 51 Bid (Design, Manufacture, Supply, Delivery, Installation, Erection and Cold Commissioning of High and Medium Voltage Power Transformers and All Related Equipment) to be adjudicated before 22 nd of March 2024. Civil works to be advertised before end of March 2024		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R13,5 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 490 opportunities annually

PROJECT 7 - REPAIR VISTA DISTRIBUTION CENTER

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

1. Wards

Bloemfontein – Ward 20

CATALYTIC PROJECT SUMMARY FACT SHEET – PROJECT 7			
PROJECT NAME	REPAIR VISTA DISTRIBUTION CENTER		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	<p>Repairs and upgrading of the vandalized Vista Distribution Center to cater for the Vista housing development.</p> <p>Scope of work The supply, install, tests and commissioning of 132 and 11kV Infrastructure, System Protection Equipment, 132kV control panels, SCADA systems, Ripple Control, and the replacement or repair of 2 x 30 MVA Star/Delta, YNd1, 132/11 kV Transformers, NECRT 200kVA, 800Al PLTC Single core power cables and new LV Cables from the NECRT to the AC/DC Board at Vista Distribution Center.</p>		
CURRENT STATUS	<p>CD 51 Bid (Design, Manufacture, Supply, Delivery, Installation, Erection and Cold Commissioning of High and Medium Voltage Power Transformers and All Related Equipment) to be adjudicated before 22nd of March 2024. Civil works to be advertised before end of March 2024</p>		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R 26 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 350 opportunities annually

PROJECT 8 - UPGRADE 132/11KV, 20MVA DC, SHANNON B

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

1. Wards

Bloemfontein – Ward (19 & 47)

CATALYTIC PROJECT SUMMARY FACT SHEET			
PROJECT NAME	UPGRADE 132/11KV, 20MVA DC, SHANNON B		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	Upgrading to cater for current and future developments. Configuration to enable the utilization of the 2 nd transformer at the Distribution Center.		
CURRENT STATUS	CD 51 Bid (Design, Manufacture, Supply, Delivery, Installation, Erection and Cold Commissioning of High and Medium Voltage Power Transformers and All Related Equipment) to be adjudicated before 22 nd of March 2024. Civil works to be advertised before end of March 2024.		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R8 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 150 opportunities annually

PROJECT 9 - SMART METERING

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for sustainable social and economic development as outlined in the DORA for the Smart Metering conditional grants.

2. The conditions as per the DORA

- Inclusive approach for roll-out of smart metering

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

4. Wards

Bloemfontein – Wards (18, 19, 22)

CATALYTIC PROJECT SUMMARY FACT SHEET			
PROJECT NAME	SMART METERING		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	<p>Roll out of smart pre-payment meters</p> <p>Scope of works CENTLEC (SOC) Ltd is in a drive to implement smart metering technology to enhance revenue and financial management controls:</p> <ul style="list-style-type: none"> ▪ The proposed smart metering technology will provide better efficiency in energy provision and the integration of renewable energy to meet customer demands. ▪ This technology will also assist CENTLEC with load curtailling by limiting households consumption to reduce the impact of loadshedding. ▪ Streamlined operations in electricity distribution and revenue generation for increased efficiency. ▪ Cost-efficient trading services that reflect accurate pricing to ensure self-sustainability. 		
CURRENT STATUS	Bid is awarded and currently funded from internal generated revenue. Installation of the smart meters has commenced within Mangaung Metro Municipality.		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R 100 million (Yr1 – 2024/25) R 100 million (Yr2 – 2025/26) R 100 million (Yr3 – 2026/27)	POTENTIAL JOB OPPORTUNITIES	Estimated at 500 opportunities annually

PROJECT 10 – Energy Efficiency and Demand Side Management (EEDSM)

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include retrofitting and lighting technology used for energy saving as outlined in the DORA for the Energy Efficiency and Demand Side Management (EEDSM) conditional grant.

2. The conditions as per the DORA

- Measurement and verification of energy saving

3. The background and importance of why these projects should be done.

The project is part of an initiative to save energy and reduce demand, which gives major relief to the grid capacity constraints with the goal of reducing the intensity of load shedding.

4. Wards

Mangaung – Various Wards

CATALYTIC PROJECT SUMMARY FACT SHEET			
PROJECT NAME	EEDSM (Street and High Mast Lighting)		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	Energy Efficiency and Demand Side Management <u>Scope of works</u> Retrofitting, measurements and verifications of energy efficiency technologies on the streetlights and high mast lights		
CURRENT STATUS	Bid is awarded and currently funded from internal generated revenue.		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality Centlec (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R 20 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 150 opportunities annually

PROJECT 11 - Small Scale Embedded Generation (SSEG)

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for USDG conditional grant.

2. The conditions as per the DORA

- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is one of the energy security initiatives to combat the energy crisis.

4. Wards

Bloemfontein – Various Wards

CATALYTIC PROJECT SUMMARY FACT SHEET			
PROJECT NAME	INFRA CATALYST PROJECTS (SSEG)		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	Design, Installation, Commissioning and Project Management of Small-Scale Embedded Generation (SSEG) Plants		
CURRENT STATUS	RFP12 Bid (feasibility study, design, installation, commissioning, and project management of small-scale embedded generation (SSEG) plants for the buildings on the CENTLEC (SOC) Ltd premises, with their related protection, SCADA, and metering equipment as well as the control panels) has been awarded.		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality CENTLEC (SOC) Ltd		
CHALLENGES	No access to grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R50 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 150 opportunities annually

PROJECT 12 – MANGAUNG: ELECTRIFICATION PROJECT

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

1. Wards

All the ear-marked wards within Mangaung – Various Wards (1 – 51)

ELECTRIFICATION PROJECT SUMMARY FACT SHEET – PROJECT 12			
PROJECT NAME	MANGAUNG: ELECTRIFICATION PROJECTS		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	Provision of firm supply for the ear-marked settlements within Mangaung Metro. Scope of work Design, procurement, installation, testing, commissioning and energization of MV and LV electrical backbone networks as well as house connections for identified and targeted settlements within Mangaung Metro.		
CURRENT STATUS	Phomolong -Phase 1 (505 stands): Contractor on site, busy with installation of house connections. 453 house connections achieved so far. Phomolong - Phase 2 (500 stands): Contractor on site, busy with the construction of backbone. Busy with installation of house connections in two transformer zones. Botshabelo Block L (322 stands): Contractor on site, construction of MV & LV network is at 90% completion. House connections are underway in two transformer zones. Botshabelo Block F (500 stands): Designs are completed, on the verge to commence with construction work. Caleb Motshabi (348 stands): Designs are in completed. Waiting for beneficiary list from Human Settlements (MMM).		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality CENTLEC (SOC) Ltd		
CHALLENGES	Insufficient grant funding of the programme.		

PROJECT 13 – MANGAUNG: ELECTRIFICATION PROJECT

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include an inclusive approach for informal settlement upgrading, sustainable social and economic development as outlined in the DORA for both the USDG and ISUPG conditional grants.

2. The conditions as per the DORA

- Inclusive approach for informal settlement upgrading (ISUPG)
- Sustainable urban (social and economic) development (USDG)

3. The background and importance of why these projects should be done.

The project is an enabler to the social and economic growth of the city and also contributes immensely to the municipality's electricity service delivery objectives.

1. Wards

All the ear-marked wards within Mangaung – Various Wards (1 – 51)

HIGH MAST LIGHTS PROJECT SUMMARY FACT SHEET – PROJECT 13			
PROJECT NAME	MANGAUNG: HIGH MAST LIGHTS PROJECT		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	Provision of adequate public lighting to ensure security and minimize the safety risks within Mangaung Metro communities. Scope of work Design, procurement, installation, erection, testing, commissioning and energization of High Mast Lights within Mangaung Metro.		
CURRENT STATUS	All foundations for the remaining twenty-four high masts were pegged, cast and delivered to site. The contractor has erected all the 24 masts. Sixteen of them have been energized and commissioned. The remaining eight masts are in the Eskom area of supply and they are awaiting energization.		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality CENTLEC (SOC) Ltd		
CHALLENGES	Insufficient grant funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R30.36 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 100 opportunities annually

PROJECT 14 – MANGAUNG: REFURBISHMENT OF HIGH MAST LIGHTS

1. The reference on the DORA that we identify for the projects.

The project bears qualifying characteristics which include retrofitting and lighting technology used for energy saving as outlined in the DORA for the Energy Efficiency and Demand Side Management (EEDSM) conditional grant.

2. The conditions as per the DORA

- Measurement and verification of energy saving

3. The background and importance of why these projects should be done.

The project is part of an initiative to remove the associated risks as well as save energy and reduce demand, which gives major relief to the grid capacity constraints with the goal of reducing the intensity of load shedding.

4. Wards

All the ear-marked wards within Mangaung – Various Wards (1 – 51)

HIGH MAST LIGHTS PROJECT SUMMARY FACT SHEET – PROJECT 14			
PROJECT NAME	MANGAUNG: REFURBISHMENT OF HIGH MAST LIGHTS		
DEVELOPER/OWNER	MANGAUNG METRO/CENTLEC		
PROVINCE	FREE STATE	MUNICIPALITY	MANGAUNG
PROJECT DESCRIPTION	Provision of safe and adequate public lighting to ensure security and minimize the risk within Mangaung Metro communities. Scope of work Design, procurement, installation, erection, testing, commissioning and energization of High Mast Lights within Mangaung Metro.		
CURRENT STATUS	All identified high masts which are rusted posing a risk of falling and damaging property and injuring community members.		
PROJECT STAKEHOLDERS	Mangaung Metro Municipality CENTLEC (SOC) Ltd		
CHALLENGES	Insufficient project funding of the project		
INTERVENTIONS	To consider grant allocation as the project comply with all the conditions as set out in the DORA.		
ESTIMATE PROJECT DEVELOPMENT COST	R 11 million	POTENTIAL JOB OPPORTUNITIES	Estimated at 75 opportunities annually