

PROJECT NAME: THYSPUNT TRANSMISSION LINES INTEGRATION PROJECT
MEETING DESCRIPTION: TTLIP-NMBMM JACHTVLAKTE ROUTING WORKSHOP
VENUE: LION ROARS OFFICE PARK, CORNER HEUGH ROAD & 3RD AVENUE,
WALMER, PORT ELIZABETH
DATE & TIME: THURSDAY 07 JUNE 2012 @ 11:00AM

| | ID | Company | Tel | Cell | Email |
|-----------------------|---------|---------|--------------|--------------|--|
| In Attendance | | | | | |
| Ossie Long | OL | Aurecon | 041 503 3922 | 083 463 5497 | Ossie.long@aurecongroup.com |
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| Jill Miller | JM | | 041 506 1332 | | jmillier@mandelametro.gov.za |
| Brendan Hindes | BH | Setplan | 041 585 1788 | 082 787 9393 | brendan@setplanpe.co.za |
| Nicola Rump | NR | SRK | 041 509 4800 | | nrump@srk.co.za |
| Dean Wilson | DW | Eskom | 013 693 3904 | 082 940 7792 | wilsond@eskom.co.za |
| Lerato Mokgwathheng | LM | | 011 800 8612 | 084 580 6147 | mokwall@eskom.co.za |
| Henrico van der Merwe | HVDM | | 011 800 4515 | 079 187 9533 | vdmerwh@eskom.co.za |
| Martina Nailana | MN | | 011 800 3550 | 082 468 2137 | Martina.nailana@eskom.co.za |
| Fred Grové | FG | | 011 800 2148 | 082 883 9950 | Fred.grove@eskom.co.za geofred@lantic.net |
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| Nicolene Venter | NV | SiVEST | 012 662 2843 | 083 377 9112 | iafrica@icon.co.za |
| Kelly Tucker | KT | | 011 798 0600 | 083 652 4017 | kellyt@sivest.co.za |
| Paul da Cruz | PDC | | 011 798 0600 | 084 224 0088 | pauld@ssi.co.za |
| Apologies | | | | | |
| Adriaan van Eeden | Aurecon | | 041 503 3900 | 082 651 1479 | Adriaan.vanEeden@aurecongroup.com |
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| Joram Mkosana | | | | | JMskosana@mandelametro.gov.za |
| Rob Gardiner | SRK | | 041 509 4800 | 082 897 7026 | rgardiner@srk.co.za |

NOTE: All persons present at the meeting will be deemed to have taken note of such items as concerns him/her. Failure to receive these notes timeously cannot be taken as a reason for not taking the necessary action.

1. WELCOME, INTRODUCTION & APOLOGIES

OL, Aurecon, thanked all attendees present and express that it is believed that the matters at hand will be resolved by the end of the workshop.

It was requested that attendees introduced themselves, the organisation and department they are representing and the purpose of their attendance at the meeting.

Apologies received are as per above.

2. PRPOSE OF THE MEETING

OL informed the attendees that Aurecon was appointed by the NMBMM in 2011 for the execution of the Jachtlakte Precinct Development and the NMBMM also appointed SRK to conduct the EIA for the proposed development. In turn, Aurecon appointed Setplan (townplanning) and in terms of the Jachtlakte Precinct Development the first soil should have been turned in September 2012.

The project encountered various hurdles such as property ownership, existing bulk services, mineral rights, Thyspunt SS location, etc. To date, 13 consultants have been appointed dealing with bulk service aspects around the Jachtlakte area and it seems that the electricity matter is the key matter that is delaying the project.

The NMBMM Housing Programme is falling behind in its totality and this project is the main cause of the delay in NMBMM reaching their commitment. The electricity matter is also causing financial implications for all parties involved.

3. ESKOM REGIONAL NETWORK PLANNING PRESENTATION

HvdM, Eskom, gave a brief overview of Eskom's regional network planning for the Eastern Cape region. See Appendix A for a copy of the presentation.

The following comments, question and/or concerns were raised:

- TF, NMBMM:
 - It was stated for clarification that the new PE SS location is a critical component to the NMBMM and the location needs to be pinpointed as accurately as possible.
- HvdM:
 - informed the attendees that the location of the new PE SS should it be located a long distance from NMBMM's San Suici it could be a costly exercise for Eskom for the construction of the loop-in power lines.
- CvD, NMBMM:
 - raised the concern that should the new PE SS be a distant away it would mean a wider servitude which needs to accommodate four (4) Eskom power lines and three (3) NMBMM Dx power lines into San Suici.
- HvdM:
 - Additional to the costing of the construction of the power lines, the cost of securing the servitude also needs to be taken into consideration.
- TF:
 - In terms of the costing of the new PE SS, the cost of securing the land for the PE SS also needs to be taken into consideration.
- LM, NMBMM:
 - It was requested that in the absence of FG, Eskom (Geotechnical Services) during these discussions, that the Eskom team inform him of the discussions and concerns raised. This request was also supported by OL. LM (Eskom) confirmed that HvdM and FG works in the same Department at Eskom and HvdM will ensure that FG is informed of all the points raised.
 - It is important that a cost analysis / impact be done should the new PE SS be located further away from the NMBMM's San Suici SS.
- All parties present shared the view that the team needs to avoid sterilising new ground and rather focus on already disturbed areas.

4. NMBMM HV MASTER PLAN & LINK INTO ESKOM'S NETWORK PLAN

No presentation was delivered by NMBMM.

5. DISCUSSIONS AND DECISIONS

| ITEM NO. | ITEM DESCRIPTION | ACTION | DATE |
|----------|--|---|--|
| 1. | Access Road to new PE SS <ul style="list-style-type: none"> FG pointed out the importance of an access road during the construction phase of the new PE SS and also stated that the access road is a priority. The access road needs to accommodate low bed trucks. IP indicated that the access road will be constructed very close to San Suici SS and will take the housing development into consideration. OL informed that the alignments of the roads are not 100% fixed yet but the position is indicated on the layout plans. MN enquired as to who would be constructing the access road. BH replied that Eskom would need plan and built the access road should it be required before the development starts. OL informed that it is planned to develop the area in three (3) years time and should an access road be required after that, provision could be made in the layout plan. | | |
| 2. | New PE SS site <ul style="list-style-type: none"> One (1) area has been identified for the new PE SS site FG to get geotechnical work done to identify exact location. It is estimated that the geotech work could take up to three (3) months to complete. Eskom will keep the team in the loop regarding progress. Access permission has been granted by the NMBMM for the geotech team to do their drilling. Eskom will notify NMBMM when the geotech team will be on site. The outcome of the geotechnical work will be forwarded to the NMBMM & Aurecon. Provision to be made in the Jachvlakte Development for maintenance access road to the new PE SS during the operational phase. | | |
| 3. | Deliverables: <ul style="list-style-type: none"> Geotech desktop study of a site larger than 600m x 600m to Lerato Mokgwatlheng and onto NMBMM. NMBMM to submit written feedback to Eskom. Eskom to do geotech investigation including topographical survey, geometric design on site and cost) anticipated to take three (3) months. Eskom will expedite the appointment of a geotechnical consultant within two (2) months need procurement process. Eskom to provide regular feedback on the progress, laboratory testing etc. Mapping of SC 2 x 400kV power line alternatives: Incoming Lines <ul style="list-style-type: none"> Plot on GIS Layout plan of new private development to south of new PE SS site <ul style="list-style-type: none"> Setplan to provide layout plans to SiVEST Contact details of private group(s) to be forwarded Outgoing lines: San Susi SS <ul style="list-style-type: none"> Setplan to produce map and meet with Munilec Eskom's 132kV lines possible realignment | Eskom: Fred Grové to Lerato Mokgwatlheng Lerato Mokgwatlheng to NMBMM NMBMM: Written feedback Eskom: Procurement procedure of a geotechnical consultant and appointment Eskom: Weekly feedback (Fridays) SiVEST: Mapping – Paul da Cruz Setplan: Brendan to SiVEST Setplan: Brendan to SiVEST Setplan: Brendan – Munilec Eskom: Lerato Mokgwatlheng | 20 June 12 21 June 12 25 June 12 31 August 12 Every Friday 15 June 12 15 June 12 08 June 12 |

| ITEM NO. | ITEM DESCRIPTION | ACTION | DATE |
|----------|--|---|------|
| | <ul style="list-style-type: none"> Outgoing Lines: TTLIP <ul style="list-style-type: none"> Shapefiles to NMBMM EAPs (SiVEST & SRK) <ul style="list-style-type: none"> Transfer of information Draft specialist studies for Jaghtvlakte Southern Corridor 2 x 400kV power lines routing <ul style="list-style-type: none"> Maps to be updated to include three (3) proposed alternatives for the 2 x 400kV power lines from the R334 to the new PE SS site Three power line routes to be: <ul style="list-style-type: none"> ➤ Current routing through KwaNobuhle ➤ Routing as originally recommended by NMBMM (100m servitude south of KwaNobuhle) ➤ Routing to the south of Hopewell Conservancy SiVEST to forward shape files with these three (3) proposed routing to NMBMM Three (3) alternative routings to be included in FEIR | <p>SiVEST:</p> <p>SiVEST & SRK: As and when required SRK: Nicola Rump</p> <p>SiVEST: Updating of Maps FEIR to be updated with the 3 options</p> | |
| 4. | <p>Communication & Reporting Structure</p> <p>It was decided that the <u>core group</u> for e-mail communication, follow-ups (pushing for deadlines and deliverables) and feedback would be as follows:</p> <ul style="list-style-type: none"> NMBMM: Luthando Mabhoza Eskom: Lerato Mokgwatheng Aurecon: Ossie Long Setplan: Brendan Hindes SiVEST: Kelly Tucker <p>It was decided that all team members, as per the attached copy of the attendance register (even those who did not attend) – see Appendix A attached - must be CC on the e-mail communication between the <u>core group</u>.</p> | | |
| 5. | <p>Thank You & Closure of Workshop</p> <p>OL thanked all present for their participation and valued contribution during the workshop. The workshop adjourned at 14h30.</p> | | |

ESKOM REGIONAL NETWORK PLANNING PRESENTATION

Port Elizabeth & Surrounding Area Network Master Plan

Prepared by: Henrico van der Merwe

