

TENDER FOR TOPOSURVEY SERVICES								PAGE NO.	
FORMER NAME: MUNICIPALITY OF JOHANNESBURG								CLOSURE DATE AND TIME:	
TENDERS OPEN UNTIL: 15 FEB 2018								23 Nov-15 16:00	
INITIATIVE / DEPARTMENT		INITIATOR				QUOTATION DATE		VALUENCY	
CAPUT: ESH		NANCY NENKASE				STARTS		DAYS	
QUALIFICATION REQUIREMENTS		QUALIFYING FIRM							
RFQ/JW05SC25 - Perform a comprehensive Toposurvey investigation in De Vilers									
For more information contact: Ramsy Nekhalale / Oorabile Mawasha									
Telephone Number: 011 688 8896/ 811 088 8897									
All Suppliers Responding to Quotations Should be Registered on Central Supplier Database (CS)									
Jw Contact Person : Silas Choeu									
Telephone Number : 011 688 1815									
ITEM NO.	DESCRIPTION	DESCRIPTION OF ITEM OFFERED	LOM	QTY REQUIRED	PRICE QUOTED EXCL. OF VAT	DISCOUNT	PRICE QUOTED INCL. OF VAT		
	Service providers are invited to submit quotations for the supply of the following services: Johannesburg Water is seeking quotations from qualified service providers to perform a comprehensive Toposurvey investigation. The objective of the Employer is to appoint an experienced Service Provider to provide topographic surveys for the sewer, water pipelines, reservoirs, pump stations and other services to enable the proper design of projects and for preparation of as-built drawings after construction. The Service provider is expected to complete the following scope while ensuring that all activities comply with relevant environmental and safety regulations								
1	SECTION 1								
1.1	Preliminary & General			Sum	1				
	SECTION 2								
2	TOPOSURVEY AND SERVICE DETECTION SERVICES COLLATION OF CADASTRAL DATA								
2.1	Collation of cadastral data per project			Sum	1				
2.2	FIELD WORK: SURVEY POINTS								
	Survey of X, Y, Z co-ordinates of all above and below ground key points picked for the survey. Strip width 30 metres wide. Rate to include opening and picking of all invert levels and indicating direction of flow for existing, sewer and storm water services within the project boundary intersecting the line to be surveyed.								
2.2.1	EXTRA OVER ABOVE ITEMS, for excavation, exposing and picking invert levels for all other underground services at positions prescribed by the Engineer.		m	1000					
2.2.2			m²	12					
2.3	SURVEY BEACONS								
2.3.1	Identification of existing beacons for use in survey reference		Sum	1					
2.3.2	Establishment of new benchmarks within survey area for survey purposes where existing beacons are insufficient or do not exist		No. of Points	10					
2.4	DIGITAL TERRAIN MODEL AND MAPPING								
2.4.1	Processing and preparation of the survey points (of area and description given in 2.2 and 2.3 above into ASCII format, together with the DTM, DWG and DXF of the master drawing, and all the explanatory notes.		m	1000					
2.4.2	Submit all the required information processed in 2.4.1 on a 16GB USB flash drive		No. of	1					
2.4.3	Security for duration of survey (please refer to C2.1.5)		Sum	1					
2.5	SERVICE DETECTION								
2.5.1	Detection, Survey & Mapping of Main Underground Services (property boundary to property boundary) Water Pipes, Sewer Pipes, Stormwater Pipes, Electricity, cables, etc-Strip width 30 metres wide.		m	1000					
	SECTION 3								
3.1	SUMMARY OF SCHEDULE OF QUANTITIES								
3.2	SECTION 1: PRELIMINARY & SCHEDULE								
3.3	SECTION 2: TOPOSURVEY AND SERVICE DETECTION SERVICES								
3.4	TOTAL								
3.5	15 % VAT								
3.6	GRAND TOTAL								
SPECIFIC GOALS		POINTS							
SMME (An EME or QSE) 51% or more black owned by Black People		20							
QUOTATION REF AS ABOVE: RFQ/JW& COMPANY NAME ON THE EMAIL SUBJECT LINE									
NB: All suppliers responding to RFQs should use their own company letter head not JW RFQ Template AND MAKE SURE THEIR EMAIL ADDRESS IS VISIBLE ON THEIR QUOTATION.									
NB: A copy of valid lease agreement or municipal account(not older than 3 months)should be submitted with a quote									
NB: MBO forms attached should be completed and submitted with the quote									
NB: All Quotes should be on PDF (MS WORD, MS EXCEL, PICTURES ARE NOT ALLOWED)									
NB: Copy of valid BBBEE CERTIFICATE or SWORN AFFIDAVIT to be submitted with the quote									
SUBMISSIONS MUST BE MADE ON THE E-TENDER PORTAL(https://www.etenders.gov.za/) NO EMAIL SUBMISSIONS									
SEE PAGE TWO ON HOW TO SUBMIT YOUR RESPONSE ON E-TENDER									
BIDDING INFORMATION SHEET		1. QUOTATIONS RECEIVED AFTER CLOSE OF BUSINESS OR THE CLOSURE DATE WILL NOT BE ACCEPTED 2. QUOTATIONS WITHOUT BRAND NAMES WHERE REQUIRED WILL NOT BE ACCEPTED 3. THREE QUOTES MUST BE TO GET THE LOW PRICED ONE BE CHALLENGED UP TO IT 4. QUOTATIONS WITHOUT THE SUPPLIER'S AUTHORISED SIGNATURE WILL NOT BE ACCEPTED. (ONLY IF QUOTED ON THE JW RFQ TEMPLATE) 5. ACCEPTANCE OF A QUOTATION WILL BE SUBJECT TO JOHANNESBURG WATERS SUPPLY CHAIN POLICY 6. TOTAL QUOTATION VALUE TO INCLUDE VAT WHERE APPLICABLE							

Volume	1	2		
Part	C1	C2	C3	A

Topographical Survey Page (1)

Scope of Work

Professional Topographic Survey Services

TOPOGRAPHIC SURVEY SERVICES

**NAME OF SERVICE
PROVIDER**

JOHANNESBURG WATER

DE VILLERS TOPOGRAPHICAL SURVEY

QUOTATION REQUEST

SCHEDULE OF QUANTITIES / BILLS OF QUANTITY AND SPECIFICATIONS



Registration No: 2000/029271/30

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DE VILLERS TOPOGRAPHICAL SURVEY

De Villers					
ITEM No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SECTION 1				
1.1	Preliminary & General	Sum	1		
TOTAL SECTION 1 CARRIED FORWARD TO SUMMARY					
2	SECTION 2				
2.1	COLLATION OF CADASTRAL DATA				
2.1.1	Collation of cadastral data per project	Sum	1		
2.2	FIELD WORK : SURVEY POINTS				
2.2.1	Survey of X, Y, Z co- ordinates of all above and below ground key points picked for the survey. Strip width 30 metres wide. Rate to include opening and picking of all invert levels and indicating direction of flow for existing, sewer and storm water services within the project boundary intersecting the line to be surveyed.	m	1000		
2.2.2	EXTRA OVER ABOVE ITEMS, for excavation, exposing and picking invert levels for all other underground services at positions prescribed by the Engineer.	m ³	120		
2.3	SURVEY BEACONS				
2.3.1	Identification of existing beacons for use in survey reference	Sum	1		
2.3.2	Establishment of new benchmarks within survey area for survey purposes where existing beacons are insufficient or do not exist	No. of points	10		
2.4	DIGITAL TERRAIN MODEL AND MAPPING				
2.4.1	Processing and preparation of the survey points (of area and description given in 2.2 and 2.3 above into ASCII format, together with the DTM, DWG and DXF of the master drawing; and all the explanatory notes .	m	1000		
2.4.2	Submit all the required information processed in 2.4.1 on a 16GB USB flash drive	No. of USB flash drives	1		
2.4.3	Security for duration of survey (please refer to C2.1.5)	Sum	1		
2.5	SERVICE DETECTION				
2.5.1	Detection, Survey & Mapping of Main Underground Services (property boundary to property boundary)- Strip width 30 metres wide.	m	1000		
	Water Pipes, Sewer Pipes, Stormwater Pipes, Electricity, cables, etc				

Volume	1	2		
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TOTAL SECTION 2 CARRIED FORWARD TO SUMMARY

ITEM No.	<u>SECTION 3: SUMMARY OF SCHEDULE OF QUANTITIES</u>	
3.1	SECTION 1 – PRELIMINARY & GENERAL	
3.2	SECTION 2 – TOPOSURVEY AND SERVICE DETECTION SERVICES	
TOTAL		
15% VAT		
GRAND TOTAL		

PROJECT NAME	De Villers
CoJ REGION	REGION F
LONGITUDE	26°199'38.8"S
LATITUDE	28°03'99.7" E

***The Service Provider will Commence with work five (5) days after issuing of the Works Order, if the Service Provider fails to Commence with the Works within this given duration the Works Order will be cancelled.**

The duration for the Work will be indicated on the Works Order.

Please ensure that you attached your Professional Indemnity (PI) of not less than R1 000 000.

Name and Surname of Service Providers Representative:.....

Signature of Service Provider:.....

Date:.....

Volume	1	2		
Part	C1	C2	C3	A

****PLEASE NOTE:**

1. Due to access challenges in certain suburbs, the Service Provider may be requested to work during the weekends.
2. Payment will be made upon completion of the works.
3. As per clause C.15 please indicate resources to be allocated on this project.
 - 3.1 Professional land surveyor attach qualification Bachelors' Degree or Bachelor of Technology (Land Surveying) or higher, professional registration certificate and CV with minimum of 6 Years experience as a Professional Land Surveyor.
 - 3.2 Surveyor attach qualification (Diploma in Engineering Survey) or higher, and CV with minimum 3 years experience as a Land Surveyor.

Complete the following table for the resources

Resource Allocation	
Description	Name & Surname
Professional Land Surveyor	
Surveyor	

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Part	C1	C2	C3	A

C1 SCOPE OF WORK

C3.1 Employer's Objectives

The objective of the Employer is to appoint an experienced Service Provider to provide topographic surveys for the sewer, water pipelines, reservoirs, pump stations and other services to enable the proper design of projects and for preparation of as-built drawings after construction. The project shall cover the following suburb.

PROJECT SUBURB	REGION	LENGTH (M)
DE VILLERS	CoJ Region F	1000
GRAND TOTAL		1000

The project is located on the following approximate coordinate 26°199'38.8"S 28°03'99.7"E, see attached KMZ file for the details.

C3.2 Description of the Services

The Service Provider shall be required to carry out the services as governed by the South African Geomatics Council (SAGC) code of conduct and SAGC Act 10 of 2013 and thus ensure that all design and construction projects the Employer executes during Contract Period of Performance are properly designed and the as-built drawings are updated accurately.

C3.4 Extent of the Services

The Service Provider's shall be required to provide the summarised services, among others:

- a) Collection and Collation of cadastral information for each project area.
- b) Identification of survey beacons
- c) Establishment of Survey Benchmarks
- d) Field work - surveying
- e) Production of digital terrain models (DTMs)
- f) Mapping and Production of detailed survey drawings

Volume	1	2		
Part	C1	C2	C3	A

C3.5 Brief

C3.5.1 Scope

This Specification describes in general terms the requirements for the cadastral work, basic survey, ground control and drafting of contour plans, and for the preparation of a digital terrain model in ASCII format.

Generally the scope of the Works is as follows.

- a) The obtaining of all relevant cadastral information for the site, the drafting of the cadastral information on the survey key plan, any field survey that may be required in this regard, and supplying copies of all relevant Surveyor General diagrams and compilation of plans upon completion.
- b) The drafting of topographical and other detail covering the site as specified hereinafter and of contours and the storage thereof in drawing files at the mapping scale and with the contour interval specified.
- c) The preparation of a digital terrain model for the site, or for portions thereof, at the point spacing and to the accuracy specified hereinafter.

C3.5.2 Collation of cadastral data

- a) The Surveyor is required to collect all data describing the cadastral boundaries and servitudes registered over all properties covering the site and in respect of which deeds of tenure have been registered in the Deeds Registry for the Province/Region in question.
- b) The cadastral information supplied by the GIS department of local authority shall be taken as a guide, but the primary source of cadastral information shall be the offices of the Surveyor-General for the Region/Province in question. The Surveyor shall obtain photostatic or similar copies of these diagrams, as well as copies of all existing cadastral compilation sheets.
- c) Cadastral boundaries shall be plotted by means of co-ordinates and not by means of angles and distances.

C3.5.3 Field work

- a) The survey shall be based on the Lo-system WGS84 of the national triangulation.
- b) All points shall be located in the X, Y and Z directions according to land-survey methods generally accepted in the Republic of South Africa so as to ensure that the required degree of accuracy is achieved. All points that are fixed shall be checked and confirmed in the field.
- c) The elevations of the permanent survey stations shall be determined by a total station (or any other approved survey equipment) from the appropriate national geodetic benchmark.
- d) The Surveyor shall identify and list the trig beacons that he used as traverse terminals, or for the fixing of survey stations by trigonometrical survey methods.

C3.5.4 Survey Beacons and benchmarks

- a) The Surveyor shall note that the value of the basic survey depends largely on the permanence of its reference points.
- b) Permanent survey benchmarks shall be set in concrete and clearly marked. Alternatively, existing permanent structures can be used as permanent survey benchmarks
- c) The survey benchmarks shall be numbered sequentially starting at BM01, and continuing BM02, BM03 etc. by means of a punched strip of aluminium at least 1,3mm thick firmly set into the concrete.
- d) The Survey stations shall be established on the site at a spacing not exceeding 300m (horizontal).

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- e) Permanent survey station beacons must be placed such that potential influence from unstable surrounding material is avoided.
- f) Identified survey beacons must be labelled and shown on the survey diagram

C3.5.5 Digital Terrain Model

- a) The digital terrain model shall consist of ASCII files stored on disc and supplied to the Engineer.
- b) The design files of the package used when the DTM was generated shall also be provided. (E.g. Model Maker .tot files, Civil Designer .blk files etc).
- c) Separate files shall be provided for spot heights and for detail points or it must be clearly separated when contained in one file.
- d) Each point shall be recorded on disc in the following order:
 - ◆ Point description (code or short name)
 - ◆ Y co-ordinate
 - ◆ X co-ordinate
 - ◆ Z co-ordinate
 - ◆ Connecting line reference (where applicable)
 - e) The Surveyor shall supply a list explaining the point description codes to the Engineer together with the DTM.
 - f) The accuracy of any point in the digital terrain model, whether a spot height or a detail point height, shall be such that the mean square error of the elevation of such points as determined from the digital terrain model when compared with the elevations as determined in the field, shall not exceed 100mm, unless otherwise agreed.
 - g) The general point spacing shall be 5m. This average grid shall be supplemented in areas of sharply varying topography with detail terrain points (that is along break lines).

C3.5.6 Mapping

- a) One master drawing (incorporating all survey layout plans) shall be supplied to the Engineer on disc in DWG and DXF formats.
- b) The contour interval shall be:
 - ◆ 0,5m for ground slopes less than 10 percent; and
 - ◆ 1,0m for ground slopes in excess of 10 per cent.
- c) The accuracy of the contours shall be such that the mean square error of the elevations of the checkpoints as determined by interpolation between contours when compared with the elevations as determined in the field shall not exceed half the contour interval unless otherwise specified. The mean square error shall be computed from the formula:

$$MSA = (\text{Sum } (dh^2)/n)^{0.5}$$
 Where "dh" is the vertical error of each checkpoint and "n" is the total number of checkpoints.
- d) The grid spacing shall be 100m.

C3.5.7 Details on drawings

This (drawing) plan shall show the following detail:

- a) All farm, district, and regional boundaries and all portions and subdivisions thereof. In urban areas individual ervens and stand numbers should be shown.
- b) All original farm names and farm portions/subdivision numbers, including the full description of each portion of subdivision. In urban areas the appropriate township description shall be indicated.
- c) All property owners including their registered addresses and contact numbers. This requirement shall not apply for erven in proclaimed townships.
- d) The centreline of any major roads, railway lines or other prominent features.
- e) Contours at the interval and to the accuracy specified.
- f) Contour values at frequent intervals.

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- g) All permanent survey stations at the spacing specified, including a co-ordinate list for all such survey stations. The co-ordinate list shall indicate the Lo-system and survey datum used.
- h) All natural topographical features, such as rivers, streams, eroded areas, gullies, etc. The names (if any) of such features and the directions of flow where applicable, should be indicated on the layout plans.
- i) All man-made topographical features, such as excavations, quarries, cuts, embankments and fills, including all break point, toe- and pick-point lines.
- j) Bush, scrub and plantations, cultivated and wooded lands, rock outcrops, individual trees which are landmarks and so forth; the outline of such areas should be properly shown wherever it is clear cut.
- k) Roadways (showing tarred width), road shoulders, footpaths and associated structures (bridges, culverts, etc) with the destination of all main roads leaving the sheet being shown. Bridge openings and culvert sizes, road numbers or street names and kilometre boards should also be shown.
- l) Power and telephone lines (showing individual poles/pylons of power lines and telephone carrier routes).
- m) All underground pipelines, or cables and associated structures (manholes, valve chambers, reservoirs etc), the position of which can be ascertained from surface indications. Detail regarding the diameter and purpose of such pipelines should be added where such detail is readily available.
- n) Gates and fences (differentiating between ordinary, stock-proof, jackal-proof and security fences) etc. All access points to main roads should also be indicated.
- o) Wells, boreholes and windmills.
- p) All existing buildings, ruins, existing servitude and such like.
- q) Existing survey and trig beacons that can be identified with the mapping area (for example those alongside provincial and/or national roads), with directions to all adjoining beacons, the stations number and the reduced level. In addition a co-ordinate list indicating the Lo-system, the co-ordinates of the individual points and/or beacons the survey date should be included.
- r) 1: 50 000 topographic maps showing the trig beacons used must be supplied as well.
- s) All place names, where these have been officially assigned.

C4 Service Detection

The Scope of Work comprises the Detection, Survey & Mapping of Main Underground Services Route (Property boundary to Property boundary):

- Subsurface Utility Detection with Ground Penetrating Radar (GPR)
- Tracing Underground Pipelines with Electromagnetic Induction (EMI)
- Locating Live Cables with Passive Magnetic Fields Technology (PMF)
- On-site Demarcation with Spray Paint or Markers
- Opening Manholes & Taking Measurements
- Hand Excavation to Expose Detected Services (if / where considered necessary)
- Utility Survey on WGS84 Lo29 Coordinate System (Tied to Existing Benchmarks)
- Existing Services Drawing (Overlaid on Topographic Survey provided by the Client)

Detection of the following services:

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- a) Water Pipes: Fire & Domestic Water Mains with Diameters $\geq 90\text{mm}$
- b) Sewer Pipes with Internal Diameters $\geq 100\text{mm}$
- c) Stormwater Pipes with Nominal Diameters $\geq 375\text{mm}$
- d) Electricity: Primary MV Cables with Outside Diameters $\geq 35\text{mm}$

C5 Use of Reasonable Skill and Care

The Service Provider shall exercise reasonable skill and care in respect of the services required as per the C3.4 Extent of **the Services** section.

C6 Co-operation with other Service Providers and Contractors

The Service Provider shall be required, for the successful execution of his service provision, to interact with other service providers and principal contractors appointed by the Employer.

C7 Reference Data

The Employer shall provide the Service Provider with all reference data and locality maps of the areas to be surveyed at the issue of each Work order.

C8 Particular Specifications

For the purpose of this Contract:

- a) Where gender terms are used, it shall be applicable to both male and female.

C9 Applicable National and International Standards

The following National and International standards shall be applicable to the service provision under this Contract:

- a) SAGC Act 19 of 2013
- b) Any other standards as may be deemed necessary depending on the type of activity.

C10 Approvals

The Service Provider shall obtain approval from the Employer's representative with regard to the:

- a) authorisation;
- b) stopping sections of the works or complete works, unless the reason for stopping section of the works or the complete works is required to ensure the safety of the public, employees or sub-contractors of the principle contractor.

C11 Procurement

The Service Provider will take account of the Employer's Preferential Procurement Policy and broad-based black economic empowerment ownership participation requirements for this Contract and note that:

- a) The Employer reserves the right to conduct broad-based black economic empowerment ownership participation audits during the Contract Period of Performance to ensure that the appointed broad-based black economic empowerment ownership is either maintained or improved during such period. Thus the Employer reserves the right to verify or re-verify the Service Provider's or any sub-contractor appointed by the Service Provider's Broad-based black economic empowerment status should he deem it necessary, without having to specify any reason. Such verification may be extended to include other preferential procurement criteria, should the Employer deem it necessary.

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- b) where broad-based black economic empowerment ownership participation is altered during the Contract Period of Performance, the Service Provider shall formally notify the Employer and indicate *how and when* such 'lost' broad-based black economic empowerment ownership participation shall be re-established.

C12 Access to land / buildings / sites

The Service Provider shall report to the principal contractor before entering the construction works site.

C13 Planning and Programming

C13.1 Planning

The Service Provider shall ensure that he:

- a) is well informed with regard to the Employer's overall implementation programme for projects and make available resources as required to efficiently complete required services on time to avoid delays to the implementation plan.

C13.2 Programming

The Service Provider shall, prior to commencement of any work, provide an activity schedule showing the total duration required to complete the survey required on each project.

The programme shall at minimum contain:

- a) Time Scale (minimum):

Days: Where the project period does not exceed three months.

Weeks: Where the project period exceeds three months.

- b) Tasks: Tasks shall be allocated timeframes. Where phases or stages are anticipated, all tasks related to the successful accomplishment of that phase of the project shall be grouped. Resources allocation and task dependency shall be indicated.
- c) Multiple Project Programming: Where multiple projects are part of the same Contract, the Service Provider shall provide a programme per project. However, where interdependency exists the programmes shall be integrated, but divided on the highest level per project followed subsequently by further divisions per phase or stage.
- d) Start and Finish Dates: All tasks shall have specific start and finish dates.
- e) Critical Path: All tasks forming the programme line that will establish any delays in the overall project period shall be clearly indicated and an indication of their sensitivity characteristics shall be provided.
- f) Progress Tracking: The Service Provider shall be required to periodically indicate the project progress per task graphically and on a percentage basis.
- g) Non-working Time: All South African public holidays, weekends and the local traditional annual builder's break shall be incorporated in the programme.

C13.3 Software Application for Programming

Only Windows Microsoft Project programming software package will be accepted.

C14 Format of Communications

All Contract communication shall be in English and in writing (letters, faxes and electronic mail).

C15 Key Personnel

Volume	1	2		
Part	C1	C2	C3	A

The Service Provider shall be required to allocate sufficiently experienced personnel, with regard to SAGC Act 19 of 2013 as amended) requirements and the actual implementation thereof, to execute the Contract successfully. The following shall be the minimum key personnel required for each project executed:

- a) 1 x Professional Land Surveyor – Bachelors' Degree or Bachelor of Technology (Land Surveying) or higher, 6 Years experience as a Professional Land Surveyor
- b) 1 x Surveyor – National Diploma in Engineering Survey, 3 years experience as a Land Surveyor

C16 Management Meetings

The Service Provider:

- a) shall be required to attend monthly progress meetings with the Employer, at dates and venues to be agreed where technical and performance issues shall be discussed.

C17 Electronic Payments

The Service Provider shall provide all necessary information to facilitate effective electronic payment, as require by the Financial Department of the Employer.

C18 Professional Indemnity Insurances

The Service Provider shall provide two hard copies of the details of existing insurances with the returnable documents that form part of the Tender data. In the event of a Joint Venture or Consortium, the Lead Consultant shall be responsible to provide the Professional Indemnity Insurance for the entire Contract or Contracts tendered on.

C19 Daily Records

Where the Employer requires the Service Provider's to perform work on a time-and-cost basis, such work shall be remunerated on actual time and cost incurred by the Service Provider, who will be required to submit proof.

C20 Payment Certificates

The Service Provider shall be required to complete progress report before he will be allowed to complete the standard payment certificate required to be submitted with his tax invoice. If required by the Employer, the Service Provider shall make himself available for a progress reporting training session to be facilitated by the Employer.

C21 Use of Documents by the Employer

All information (communications, documents or reports, including specialists reports) compiled by the Service Provider in the course of performing the service required for this Contract are the property of the Employer and may not be used by the Service Provider for any other duties other than those relating to this Contract without prior approval by the Employer.

C22 Property provided for the Service Provider's use

The Service Provider shall provide all physical resources, including properties, for the successful execution of the Contract.

C2.1.4 Establishment Costs (P&Gs)

Volume	1	2		
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All establishment costs and overheads are deemed to have been included in the quotation amounts. There are no separate costs for Establishment. The above costs must include the Preliminary and General Costs for mobilisation of resources; opening and closing of existing manholes, scope verification, gathering of desktop information, documents and maps each time survey is required. The costs for disbursements shall be covered under this item.

C1.1 Technical Evaluation for Topo Survey RFQ

CRI T ERI	CRITERIA	EVIDENCE	SUB-CRITERIA/CLAU SE		MAX SCO RE	SCORE
1	Tenderers' Experience with Respect to Topographical Survey	Provide at least three (3) references from previous clients with similar projects. Note: <i>This reference letter must be completed by the referee/previous client of the tenderer and included in the tender submission. Alternatively, the Clients letterhead may be used provided it complies with the functional requirements. A separate form must be completed for each reference as a requirement in the evaluation criteria.</i> <i>verified and if found to be false or misrepresented, punitive measures will be instituted against the respective party including blacklisting in participating in any future government tenders.</i>	NUMBER OF COMPLETED TOPOGRAPHICAL SURVEYS	1 Completed	65	0
				2 Completed		20
				3 Completed		40
				4 or More Completed Projects		65
2	Personnel: 1. Qualified Professional land surveyor with Bachelors' Degree or Bachelor of Technology (Land Surveying) or higher ,with at least 6 years of experience. 2. Land Surveyor with National Diploma in Engineering Survey or higher, with 3 years experience	Certified proof of qualifications, Valid professional certifications from the South African Geomatics Council as a Professional Land Surveyor and CVs	RELEVANT EXPERIENCE AND QUALIFICATIONS AND PROFESSIONAL REGISTRATION	Relevant Experience And Qualifications And Professional Registration	35	35
Minimum Acceptable Score						75
Maximum Possible Score						100

Volume	1	2		
Part	C1	C2	C3	A

Tenderers who FAIL to meet the technical criteria or requirements of the tender will be disqualified. Please note that seven (7) days will be afforded to bidders who have provided copies of qualifications that are not certified. Only certified copies of the information originally submitted will be accepted.

NB: All work and reports to be submitted are to be monitored and approved by Professional Land Surveyor as per evaluation criteria

Specific Goals will be allocated as follows:

SPECIFIC GOALS	POINTS
51 % Ownership by black people	20

--- END OF PART ---

Volume	1	2		
Part	C1	C2	C3	A

ANNEXURES

Volume	1	2		
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ANNEXURE 1-DRAWINGS



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SEWER:

1. ALL PIPES TO BE LAID IN ACCORDANCE WITH SANS 1200, LATEST REVISION AND THE REQUIREMENTS OF JOHANNESBURG WATER SOC LTD.
2. ALL PIPES TO LAID UNDER TRENCH CONDITIONS UNLESS OTHERWISE SHOWN.
3. ALL CONSTRUCTION WORK TO BE CARRIED OUT IN STRICT ACCORDANCE WITH REQUIREMENTS OF JOHANNESBURG WATER.
4. SEWERS GENERALLY 1.5m FROM BOUNDARIES UNLESS OTHERWISE SHOWN.
5. DO NOT SCALE FROM THESE DRAWINGS.
6. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS.
7. THE FINAL PIPE ROUTE TO BE DETERMINED ON SITE AFTER EXPOSING OF EXISTING SERVICES.
8. ALL WORKS TO BE APPROVED BY EMPLOYEE AGENT REPRESENTATIVE BEFORE CONSTRUCTION.
9. CONTRACTOR TO CONFIRM LEVELS OF EXISTING PIPES BEFORE COMMENCING CONSTRUCTION.
10. POSITIONS OF ALL EXISTING SERVICES ARE APPROXIMATED AND MUST BE VERIFIED ON SITE.
11. ALL MATERIALS USED IN INSTALLING SEWER MAINS SHALL COMPLY WITH THE RELEVANT SABS SPECIFICATION AND WITH THE MINIMUM REQUIREMENTS OF JOHANNESBURG WATER (SOC) LTD.
12. THE POSITION AND DEPTH OF ALL EXISTING SERVICES ON THE SITE AND OFF THE SITE WHERE AFFECTED BY THE WORKS SHALL BE CONFIRMED PRIOR TO ANY CONSTRUCTION WORK ON THE INSTALLATION OF WATER OR SEWER MAINS BEING COMMENCED.
13. THE CONTRACTOR SHALL CARRY OUT WORKS TO TIE-IN CONNECTIONS TO EXISTING SEWER MANHOLES AND MAINS.
14. POSITIONS OF ALL EXISTING SERVICES ARE APPROXIMATED AND MUST BE VERIFIED ON SITE BY ENGINEER REPRESENTATIVE AND CONTRACTOR.

PIPE ANCHOR

1. GRADE BETWEEN 1:10 AND 1:6 ANCHOR BLOCKS SHALL BE INSTALLED AT INTERVALS NOT EXCEEDING 12 METERS.

SEWER MANHOLES

1. SEWER MANHOLES ARE TO BE SPACED AT A MAXIMUM OF 80 METERS.

- LEGEND**
- NEW SEWER PIPE (TO BE PIPE CRACKED)
 - NEW SEWER MANHOLE
 - DIRECTION OF FLOW
 - EXISTING SEWER PIPE
 - EXISTING SEWER MANHOLE
 - CONTOURS
 - FLOOD LINE: 1:100YR



CONSULTING ENGINEERS CAPEX - ENGINEERING SERVICE UNIT TURBINE HALL - 3RD FLOOR 65 NTEMI PILISO STREET NEWTOWN JOHANNESBURG 2113	DESIGNED	O.MAWASHA	30-10-2025
		SIGNATURE:	
	DRAWN	M.I.BALLIM	30/10/2025
		SIGNATURE:	
	CHECKED	O.MAWASHA	30-10-2025
		SIGNATURE:	
	APPROVED BY:	R.NEKHALALE	
		SIGNATURE:	ECSA REG. NO:



JOHANNESBURG WATER SOC Ltd
TURBINE HALL
65 NTEMI PILISO STREET
NEWTOWN
JOHANNESBURG
2113
TEL: +27 (0)11 688 1400
FAX: +27(0)11 688-1528

Municipality:

Project description:

Joburg

DE VILLIERS STREET
SEWER PIPE REPLACEMENT PROJECT
LAYOUT PLAN

SCALE 1:1000	AMENDMENTS				
	REV	DESCRIPTION	DATE	BY	APV
	A	ISSUED FOR PDR	20250915	MB	RV

DRAWING No: JW-DEV-LAY-S01

PROJECT No:

ORIGINAL PAGE SIZE: A0

FILE No:

SEWER

DISCIPLINARY

REV.

1 OF 1

Guide: How to submit a response on the E-tender Portal

- Submit on E tender portal, following the below:
 1. (<https://www.etenders.gov.za/>)
 2. Search/Click Browse Opportunities by organ of state (Johannesburg Water)/search by RFQ reference number .
 3. Click the + **sign** to expand the tender/ RFQ information.
 4. start the e submission process.
 5. Supplier login
 6. Use your CSD Credentials to Login. Contact CSD on (csd@treasury.gov.za) in case you forgot your login credentials. "My profile should show if you have logged in successfully".
 7. select supplier.
 8. check the submission checklist and attached the compulsory documents.
 9. confirm and proceed .

If the application is not going through on the E-tender portal Contact:

eTenders Contact Centre

+27(0)12 406 9222 / 012 406-9229 / 012 312-5000

etenders@treasury.gov.za

<https://etenders.treasury.gov.za>

POPIA PRIVACY STATEMENT

Johannesburg Water SOC Limited

In terms of the Protection of Personal Information Act, 213 (Act 4 of 2013), also called the POPI Act or POPIA, Johannesburg Water SOC Limited, undertakes all reasonable measures to protect personal information and to keep it private and confidential.

1. Privacy Notice applies to:

Suppliers, vendors, contractors, service providers, etc whether appointed or prospective.

2. Definitions of personal information

According to the Act “personal information” means information relating to an identifiable living, natural person, and where it is applicable, an identifiable, existing juristic person. All addresses including residential, postal and email addresses.

3. About the Public Entity

Johannesburg Water (SOC) Limited, registration number 2000/029271/30

3.1 The information we collect

We collect information directly from you where you provide us with your personal details. Where possible, we will inform you what information you are required to provide to us and what information is optional.

3.2 How Johannesburg Water use your information

We will use your personal information only for the purposes for which it was collected and agreed with you. For example: to gather contact information, to confirm and verify your identity, for the evaluation and adjudication of bids and quotations for tenders, request for quotations, and other personal information for the procurement of goods and services by the Entity.

3.3 Disclosure of information

We may disclose your personal information to our Shareholder, the City of Johannesburg, and other Government agencies such as National Treasury, and the Auditor-General of South Africa. We have agreements in place to ensure that they comply with the privacy requirements as required by the Protection of Personal Information Act.

We may also disclose your information:

- Where we have a duty or a right to disclose in terms of law;
- Where we believe it is necessary to protect our rights.

3.4 Information Security

We are legally obliged to provide adequate protection for the personal information we hold and to stop unauthorised access and use of personal information. We will, on an ongoing basis, continue to review our security

POPIA PRIVACY STATEMENT

Johannesburg Water SOC Limited

controls and related processes to ensure that your personal information remains secure.

When we contract with third parties, we impose appropriate security, privacy and confidentiality obligations on them to ensure that personal information that we remain responsible for, is kept secure. We will ensure that anyone whom we pass your personal information agrees to treat your information with the same level of protection as we are obliged to.

3.5 Your rights: Access to Information

You have the right to request a copy of the personal information we hold about you. To do this, simply contact us at informationofficer@jwater.co.za, and specify what information you require.

3.6 Correction of your personal information

You have the right to ask us to update, correct or delete your personal information. We will require a copy of your identification document to confirm your identity before making changes to personal information we may hold about you. We would appreciate it if you would keep your personal information accurate and up to date.

3.7 How to contact us

If you have any queries about this document; you need further information about our privacy practices; wish to withdraw consent; exercise preferences or access or correct your personal information, please contact us at the numbers listed on our website or send an email to informationofficer@jwater.co.za.



a world class African city



City of Johannesburg

Johannesburg Water SOC Ltd

Turbine Hall
65 Ntengi Piliso Street
Newtown
Johannesburg

Johannesburg Water
PO Box 61542
Marshalltown
2107

Tel +27(0) 11 688 1400
Fax +27(0) 11 688 1528

www.johannesburgwater.co.za

PLEASE SUPPLY THE FOLLOWING DOCUMENTS TO ENABLE US TO EVALUATE YOUR SUBMISSION :

Returnable Documents	Description	Yes/No	
1	Original Valid Tax Clearance Certificate /valid SARS PIN		COMPULSORY
2	A, certified /original/valid, BBBEE certificate /sworn affidavit (Please note that the Sworn Affidavit must be compliant as per B-BBEE Practice Guide 01 of 2018 , NON COMPLIANT AFFIDAVIT WILL BE SCORED ZERO)		COMPULSORY
3	Municipal rates and taxes (Must not be older than 90 days in arrears in line with regulation 38.		COMPULSORY
4	Signed Declaration of Interest form (MBD 4)		COMPULSORY
5	Declaration of Bidders past supply chain management practices (MBD 8)		COMPULSORY
6	Certificate of Independent Proposal Determination (MBD 9)		COMPULSORY
7	Proof of CSD registration /MAAA Supplier Number		COMPULSORY
8	Preference points claim form in terms of the preferential procurement regulations 2022 (MBD 6.1)		COMPULSORY
9	Company registration documents with ID copies of directors / shareholders.		COMPULSORY

Directors:

Ms Gugulethu Phakathi (Chairperson), Mr Ntshavheni Mukwevho (Managing Director and Executive Director),
Mr Johan Koekemoer (Financial Director and Executive Director), Mr Phetole Modika, Mr Siphamandla Mnyani, Mr Siyabonga Mthembu,
Mrs Zandile Meeleso, Mr Pholoso Matjele, Mr Kgaile Mogoye, Mr Sandiso Mgengwana, Mr Molate Mashifane, Ms Pamela Mabece,
Mr Lunga Bernard

Ms Kethabile Mabe (Company Secretary),
Johannesburg Water SOC Ltd
Registration Number: 2000/029271/30

MBD 4

DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.

3 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative:.....

3.2 Identity Number:

3.3 Position occupied in the Company (director, trustee, shareholder²):.....

3.4 Company Registration Number:

3.5 Tax Reference Number:.....

3.6 VAT Registration Number:

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? **YES / NO**

3.8.1 If yes, furnish particulars.

.....

¹MSCM Regulations: "in the service of the state" means to be –

(a) a member of –

- (i) any municipal council;
- (ii) any provincial legislature; or
- (iii) the national Assembly or the national Council of provinces;

(b) a member of the board of directors of any municipal entity;

(c) an official of any municipality or municipal entity;

(d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);

(e) a member of the accounting authority of any national or provincial public entity; or

(f) an employee of Parliament or a provincial legislature.

² Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

3.9 Have you been in the service of the state for the past twelve months? **YES / NO**

3.9.1 If yes, furnish particulars.....

.....

3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid?..... **YES / NO**

3.10.1 If yes, furnish particulars.

.....

.....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.11.1 If yes, furnish particulars

.....

.....

3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.12.1 If yes, furnish particulars.

.....

.....

3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.13.1 If yes, furnish particulars.

.....

.....

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract. **YES / NO**

3.14.1 If yes, furnish particulars:

.....

.....

4. Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	State Employee Number

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to invitations to tender:
- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- 1.2 **To be completed by the organ of state**
- a) The applicable preference point system for this tender is the **80/20** preference point system.
- 1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:
- (a) Price; and
 - (b) Specific Goals.
- 1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

80/20

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

- P_s = Points scored for price of tender under consideration
- P_t = Price of tender under consideration
- P_{min} = Price of lowest acceptable tender

3.1.1.1. POINTS AWARDED FOR PRICE

A maximum of 80 points is allocated for price on the following basis:

80/20

$$P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) 0$$

Where

- P_s = Points scored for price of tender under consideration
- P_t = Price of tender under consideration
- P_{max} = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system)	Number of points claimed (80/20 system)	Proof of documents per specific goals
SMME (An EME or QSE) 51% or more black owned by Black People	20		Valid BBBEE Certificate issued by SANAS accredited verification agency or DTI /CIPC BBBEE Certificate for Exempted Micro Enterprises or Qualifying Small Enterprise or Affidavit sworn under oath.

DECLARATION WITH REGARD TO COMPANY/FIRM

4.2. Name of company/firm.....

4.3. Company registration number:

4.4. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.5. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....	
SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:	
DATE:	
ADDRESS:	
	
	
	

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
 - a. abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - b. been convicted for fraud or corruption during the past five years;
 - c. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - d. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4 **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied). The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
4.1.1	If so, furnish particulars: 		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
4.2.1	If so, furnish particulars: 		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes ☐	No ☐

4.3.1	If so, furnish particulars:		
Item	Question	Yes	No
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes ☐	No ☐
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes ☐	No ☐
4.7.1	If so, furnish particulars:		

CERTIFICATION

**I, THE UNDERSIGNED (FULL NAME)
 CERTIFY THAT THE INFORMATION FURNISHED ON THIS
 DECLARATION FORM TRUE AND CORRECT.**

**I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT,
 ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION
 PROVE TO BE FALSE.**

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids¹ invited.

- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.

- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse;
 - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.

- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.

- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Js9141w 4