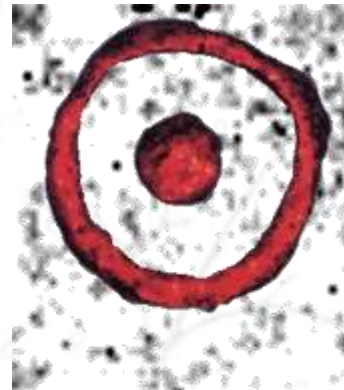


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METHODOLOGY

1.1 TECHNICAL APPROACH AND METHODOLOGY:

The following brief general methodology is provided to facilitate the understanding of our submission with regard to the appointment of landscape architects on the above mentioned project.

Project Initiation Stage (Appraisal)

On commencement, a thorough briefing session will be facilitated with the client and relevant professionals. This briefing session is intended to ensure a total understanding of the background to the projects, major constraints and the client's requirements.

All available existing information will be gathered from the technical department to avoid any duplication of work and to ensure a speedy start to the whole process.

Based on the information from the briefing session and available information gathered the project team will set up the necessary resource strategy for the investigation, planning and implementation of the identified infrastructure projects.

The landscape architectural designs will facilitate a 5-star Green Star rating.

1.2 PROJECT STAGES:

1.2.1 STAGE 1 – INCEPTION: (DEFINING OF SCOPE AND PROJECT REQUIREMENTS). Portion of fee = 5%.

Red Landscape Architects will establish the client requirements and preferences, assess user needs and options, appointment of necessary consultants, establish the project brief including project objectives, priorities, constraints, assumptions, aspirations and strategies.

Red Landscape Architects will examine the information and carry out the following needs and constraints identification investigations:

On acceptance of the appointment a quick investigation will be carried out;

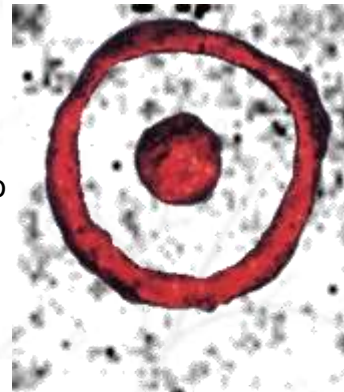
- Assist in developing a clear project brief;
- Attend project initiation meetings;
- Advise on the procurement policy for the project;
- Advise on rights, constraints, consents and approvals;
- Advise on the other consultants and services required;
- Define the consultant's scope of work and services;
- Determine availability of data, drawings and plans relating to the project;
- Advise on the necessary surveys, analyses, tests and or other

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investigations where such information will be required;

- Advise on appropriate financial design criteria;
- Provide necessary information within the agreed scope of the project to the other consultants;
- Project prioritization;
- Level of services and standards;
- Site visits;
- Analyze all available data:
 - Existing design documentation and drawings; (If available)
 - Existing services information, including bulk services;
 - Analyze the site conditions including the geological, soil and vegetation conditions;
 - Any site geotechnical reports that may be available;
 - Site cadastral layout, as appropriate;
 - Any topographic surveys that may be available;
 - Investigation of local available material;
 - Any historic elements of heritage value to be identified;
- Attend community participation meetings with all the interested and affected parties, as and when required throughout the whole project.

Issue and objective:

- Accessibility – to provide a place that is easy to get to and move through;
- Robustness – To provide a place that can be used in a number of ways, is easily adapted and resilient over time;
- Distinctiveness – to provide a place that have a clear and individual character by responding to and reinforcing locally distinctive patterns of development, landscape and character;
- Safety and Security – to provide a place where residents and visitors feel safe and secure whilst using the facility;
- Inclusivity – to provide a place that is welcoming and caters for different sections of societies, both young and old;
- Vitality and viability – to provide a place that is well used and allows complimentary uses to thrive;
- Legibility – to provide a place that is easy to understand and has a clear image by development that provides clear recognizable routes, intersections and landmarks to help people find their way around;
- Green – to target a 5-star green star rating;
- Sustainability – to provide a long-term maintenance of responsibility, which has environmental, economic, and social dimensions, and encompasses the concept of stewardship, the responsible management of resource use. To initiate a biological systems that remain diverse and productive over time, a necessary precondition for human well-being. Long-lived and healthy wetlands and forests are examples of sustainable biological systems.

Aspects of development that should guide the site development plans included:

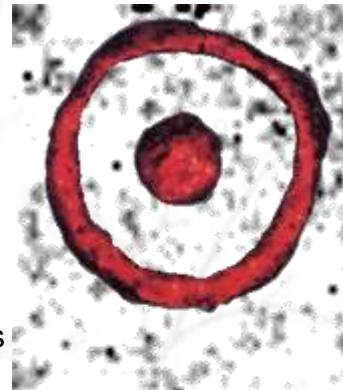
- Urban structure layout;
- Urban grain of the surrounding area;
- Landscape and its surrounding character;
- The environment and environmental conditions;
- Development density;
- Scale, height and massing of development;

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- Appearance of details and material;
- The hydrological and geological conditions and structure of the site.

Analyze the site using all the available data gathered by using the S.W.O.C method - S(Strengths), W(Weaknesses), O(Opportunities) and C(Constraints) - with regard to the following:

- The pedestrian, paraplegic and vehicular movement and requirements and with specific reference to the shortcomings and improvements;
- The usage and requirements of the existing public space;
- The usage of the site in terms of the natural systems and structures.
- Vegetation and planting material requirements and specification;
- The hydrological and geological conditions and structures on site.

Define possible guidelines for performance and action with regard to:

- Planned infrastructure and services, including provincial and regional;
- Land uses and zonings information and title conditions;
- Site development restrictions (servitudes, wayleaves etc);
- Required vehicular and pedestrian movement.
- Planning for the areas affected by the works;

Arrange any special tests or investigations with the clients approval
Specialist services comprising, EIA's Land Surveys, Geotechnical Investigations, way leaves etc.

Identify to the client any additional information that is required.

1.2.2 STAGE 2 – CONCEPT AND VIABILITY: (PRELIMINARY SKETCH PLANS AND COST ESTIMATES - CONCEPT DESIGN). Portion of fee = 15%.

Red Landscape Architects will prepare and finalize the project concept in accordance with the brief including the scope, scale, character, form, function and viability of the project.

Having studied and analyzed the project requirements, investigations and available material, Red Landscape Architects will design a concept in broad outline showing intended spatial layout, planning relationships, aesthetic aspects, materials and services to be used and submitted for approval.

The client will be presented with the following with relation to the above mentioned items:

- Colorful concept presentation plans and boards;
- Preliminary estimates and costs in relation to the budget;
- Anticipated programming of the project documentation and construction;
- Compliance requirements for the regulations;
- Agree the documentation program with the principal consultant and the other consultants;
- Attend design and consultants' meetings;
- Prepare concept design based on the client's brief;
- Consult with the other consultants and incorporate their input;
- Discuss design concept with local and other authorities as required;
- Advise the client regarding further surveys, analysis, tests and investigations which may be required;

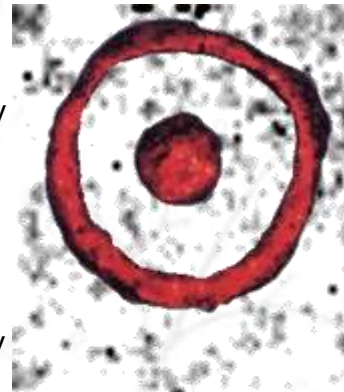
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- Refine and assess concept design to ensure conformity with statutory requirements and consents;
- Co-ordinate design interfaces with the other consultants;
- Select hard and soft landscape construction materials;
- Prepare cost estimates as required;
- Submit presentation of the design concept to the client for approval;
- Prepare and submit the landscape development plan to the local authority for approval where applicable;
- Liaise, co-operate and provide necessary information to the client, principal consultant and other consultants.



1.2.3 STAGE 3 – DESIGN DEVELOPMENT: (SKETCH PLANS AND COST ESTIMATES). Portion of fee = 15%.

Red Landscape Architects will develop the approved concept to finalize the design, outline specifications, cost plan, financial viability and program for the project.

The following will be prepared for approval by the client with relation to the above mentioned items:

- Review the documentation program with the principal consultant and the other consultants;
- Attend design and consultants' meetings;
- Incorporate the client's detailed requirements into the landscape design;
- Give due consideration to, incorporate and co-ordinate the other consultants' designs into the landscape design where necessary;
- Prepare design development drawings including draft technical details and outline specifications;
- Review and evaluate design and outline specifications and exercise cost control;
- Prepare detailed estimates of construction costs;
- Liaise, co-operate and provide necessary information to the client, principal consultant and other consultants;
- Obtain project specific requirements from the local and or other authorities in order to ensure conformity with requirements;
- Reduce the irrigation water to an absolute minimum;
- A set of sketch plans that will define the works extend;
- The reviewed estimated costs in relation to the budget;
- Review the design and estimated costs with the client.

Following the client's instructions to proceed with the preparation of all documents necessary to enable bids for the required sections of works to be called for or for the works to be otherwise placed by the client, including all or any of the following:

- Preparation of detail designs (according to client's standards) and bid documentation;
- Specific details of the deliverables of the project entails the following. Preparation of a preliminary design report which should include the following:
 - Detail design and preparation of tender documents after approval of the preliminary design report;
 - Invitation and adjudication of tenders;
 - Submission of a tender evaluation report for approval;

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- Appointment of a contractor/s for the execution of the project;
- Supervision over the executive of the project;
- Submission of progress reports and payment certificates;
- Submission of as-built drawings and the project completion report;
- Financial management of the project;

1.2.4 STAGE 4 – DOCUMENTATION AND PROCUREMENT: Portion of fee = 30%.

Red Landscape Architects will prepare the construction and procurement documentation, confirm and implement the procurement strategies and procedures for effective and timeous procurement of necessary resources for the execution of the project.

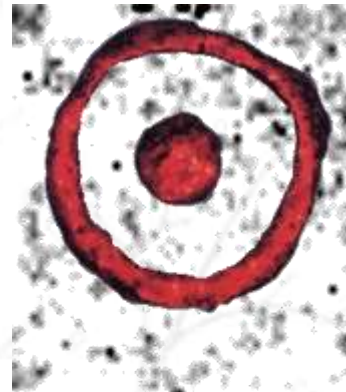
The following will be prepared for approval by the client with relation to the above mentioned items:

- Prepare in co-ordination with all consultants and specialists, construction documentation (Plans, specifications and tender bills of quantities) in order to execute the work as contained in the final sketch plans;
- Submit all necessary information to relevant authorities to obtain approval;
- Assist with local and or other authority submission(s);
- Attend design and consultants' meetings;
- Prepare specifications for the works and agree preambles;
- Co-ordinate services and prepares necessary services co-ordination drawings;
- Check cost estimate and adjust documents if necessary to remain within budget;
- Assist the principal consultant in formulation of procurement strategy for contractors;
- Review working drawings for compliance with the approved budget.
- Prepare documentation for contractor procurement;
- Assist the principal consultant with calling for tenders and/or negotiation of prices;
- Liaise, co-operate and provide necessary information to the principal consultant and the other consultants;
- Assist with evaluation of tenders;
- Assist with the preparation of contract documentation for signature;
- Assess samples and products for compliance and design intent.

1.2.5 STAGE 5 - SUPERVISION AND CONSTRUCTION: Portion of fee = 32%.

Red Landscape Architects will manage, administer and monitor the contracts and processes, including the preparation and coordination of the procedures and documentation to facilitate practical completion of the works.

- Liaise, co-operate and provide necessary information to the principal consultant and the other consultants;
- Attend the site handover;
- Issue construction documentation in accordance with the documentation program;
- Carry out contract administration procedures delegated by the principal agent in terms of the contract;

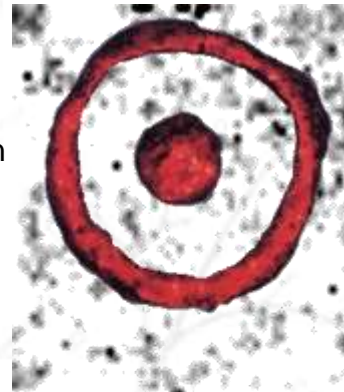


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- Prepare schedules of predicted cash flow;
- Prepare pro-active estimates for proposed variations for client decision making;
- Attend regular site, technical and progress meetings;
- Inspect the works for conformity to contract documentation;
- Adjudicate and resolve financial claims by contractor(s);
- Assist in the resolution of contractual claims by the contractor;
- Establish and maintain financial control system;
- Clarify details and descriptions during construction as required;
- Prepare valuations for payment certificates;
- Approve valuations for payment;
- Witness and review all tests and mock-ups carried out both on and off site;
- Check and approve subcontract shop drawings for design intent;
- Update and issue the drawings register;
- Issue contract instructions as and when required;
- Review and comment on operations and maintenance manuals, guarantees, certificates and warranties;
- Inspect the works and issue practical completion and defects lists;
- Assist in obtaining statutory approvals where required.

1.2.6 STAGE 6 – CLOSE-OUT: Portion of fee = 3%.

Red Landscape Architects will prepare a closeout report with the following:

- Inspect and verify rectification of defects;
- Prepare valuation for payment;
- Approve relevant payment valuations and completion certificates;
- Advise on soft landscape maintenance;
- Prepare and/or procure operations and maintenance manuals, guarantees and warranties;
- Prepare and/or procure as-built drawings and documentation;

1.2.7 Fees for special services

Special Services are compensated in terms of time basis except where otherwise determined or agreed. Where Special Services are rendered and additional professional fees are involved, the Client must agree in writing prior to the service being rendered. The fee is calculated on hourly rates as per tender for any work force. Where a time based fee is selected, the current rates shall apply: Provided that whenever these rates are revised the new rates shall apply to work performed after the date of publication of such revision.

In addition to the fees payable, in terms of this agreement, the client shall reimburse the landscape architect for all reasonable disbursements properly incurred outside the original agreement. The expenses contemplated may include the following:

- Printing, photocopying, maps, models, presentation materials, photography and similar documentation including all reproduction or purchase costs of documents excluding internal usage by the architect;
- Hotel, subsistence and travelling expenses, including kilometer allowances at current Automobile Association rates or as set down by a government institution where the landscape architects are appointed by them, for vehicle usage and other similar disbursements;

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- All payments made by the landscape architect, including fees and other charges for specialized professional and other services which the landscape architect has incurred on behalf of the client;
- Telephonic, electronic and facsimile communication, special postage and courier deliveries;
- Any other disbursements that may be agreed by the client;
- Disbursements incurred by tender advertisement, clerk of works, advertisements, municipal approvals, etc;
- Disbursements as a result of chemical and other tests;
- Printing and binding of reports and documents;
- Air tickets;
- Travelling time shall be payable at the hourly rates set out in Appendix 3 where payment of the landscape architect's fees is made on:
 - A percentage basis and provided that the round trip distance between the destination and the landscape architect's place of practice exceeds 50 kilometers;
 - A time basis at the full rate provided that travelling time outside normal working hours shall be at half the rate unless otherwise agreed by the client.

Do not hesitate to contact me should you have any questions.

Yours sincerely,

The Director
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