

1 Programme

The following programme is proposed for the scope of services:

Task	Start Date	Finish Date	Duration
SSRC Submission	1 August 2003	7 August 2003	5 days
SSRC meeting	14 August 2003	14 August 2003	1 day
Briefing Workshop	13 August 2003	15 August 2003	3 days
Convert DTM to MOSS	13 August 2003	5 Sept. 2003	18 days
Prepare Imagery	25 August 2003	12 Sept. 2003	10 days
Preliminary Design			
Alignment Generation/Extension	1 Sept. 2003	19 Sept. 2003	15 days
Alignment Review/Refinement	22 Sept. 2003	30 Sept. 2003	7 days
Geology (Site Inspection)	26 August 2003	26 August 2003	1 day
Geology (Desk top review - 5 to 10 days work)	25 August 2003	10 October 2003	35 days
Ecology (5 days work)	6 Oct. 2003	17 Oct. 2003	10 days
Mass Haul Analysis (By parallel estimator)	6 Oct. 2003	20 Oct. 2003	11 days
Structural	22 Sept. 2003	17 Oct. 2003	20 days
Toll Plaza Options	1 Oct. 2003	17 Oct. 2003	10 days
Stormwater/Culverts	1 Oct. 2003	17 Oct. 2003	13 days
Underpasses & Overpasses for Prop. Access (meet with TPG)	8 Oct. 2003	8 Oct. 2003	1 day
Pipe Underpasses, Service & Pylon Relocations	Excluded	Excluded	
Link Road Interchanges	1 Oct. 2003	17 Oct. 2003	13 days
Environmental Control during Construction	1 Oct. 2003	10 Oct. 2003	8 days
Buildability Review	13 Oct. 2003	17 Oct. 2003	5 days
Presentation of estimating assumptions to Transit and WRLTC	22 Oct. 2003	22 Oct. 2003	1 day
Complete drawings and handover to Lead Estimator and Parallel Estimator	20 Oct. 2003	31 Oct. 2003	10 days
Option Estimate			
Elemental Schedule of Quantities	3 Nov. 2003	17 Dec. 2003	33 days
Handover to Parallel Estimator (Progressively from 10 Nov to 18 Dec. 2003)	18 Dec. 2003	18 Dec. 2003	1 day
Prepare Base Estimate (Beca & Parallel Estimator)	10 Nov. 2003	23 Jan. 2004	47 days
Reconcile Cost Estimate	27 Jan. 2004	28 Jan. 2004	2 days
Global Risk Workshop (Include WRLTC)	29 Jan. 2004	29 Jan. 2004	1 day
Technical Risk Workshop	30 Jan. 2004	30 Jan. 2004	1 day
Complete Risk Management Report	2 Feb. 2004	5 Feb. 2004	4 days
Risk Analysis	2 Feb. 2004	16 Feb. 2004	11 days
Parallel Estimator reviews Risk Analysis	17 Feb. 2004	27 Feb. 2004	9 days
Complete Risk Based Cost Estimate Report	27 Feb. 2004	27 Feb. 2004	1 day
Presentation of Cost Estimate to Transit & WRLTC	10 March 2004	10 March 2004	1 day

Info sent to RLTC 21/8/03

Cost Review	Brief Timetable	Revised Timetable
Review existing data and identify any major "holes"	Within 6 weeks of acceptance of fee	12/9/03
<i>Refine design for estimate purposes</i>		<i>20/10/03</i>
Prepare base estimate and submit Report	Within 16 weeks of acceptance of fee	28/1/04
Convene risk workshop and submit Report	Within 20 weeks of acceptance of fee	27/2/04
Submit final Summary Report	2 weeks following acceptance of Risk Report	
<i>Presentation to RLTC Technical Working Group</i>		<i>10/3/04</i>

Acceptance of fee: 15/8/03