

INCLUSIONS / EXCLUSIONS

Munmorah Bridge over Hammond Canal — FRP Subcontract | Ref: 2602-bid-v1-CC-rev3

Block A mirrors the TCE RFQ scope included in the LFCS lump sum of \$407,870 ex GST / \$448,657 inc GST. Block B is the defensive exclusions list — items that are NOT in the LFCS price, with variation reservations where applicable.

LFCS Standing FRP Scope: LFCS prices ONLY (1) formwork supply + install, (2) reinforcement placement + tying, (3) concrete place + finish. ALL other items EXCLUDED unless the BoQ line explicitly calls for LFCS to do it.

BLOCK A — INCLUDED in LFCS lump sum (\$407,870 ex GST)

Ref	Item
A.1	All labour, supervision (13 wk programme — folded), hand tools, small consumables, PPE, day allowance, mobilisation, of
A.2	Saw-cut + breakout + load-out + disposal of southern Hammond Canal wall section per BoQ 6.1.1 (LS reservation; variatio
A.3	Formwork erect + strip + falsework: abutments (incl. pile cap formwork), wingwalls, deck (between Super-T flanges), appro
A.4	Reinforcement placement + tying: abutments, wingwalls, deck (two-mat), approach slabs (BoQ 6.3.2, 6.3.3, 7.2.2.2, 8.3.2)
A.5	Concrete place + finish: abutments, wingwalls, deck, approach slabs (BoQ 6.4.1, 6.4.2, 7.2.3.1, 8.4.1). CONCRETE SUPP
A.6	Bearings install per BoQ 6.6.2 — 4 elastomeric bearings + tapered mortar pads + SS restraint pins (HARDWARE SUPPLY
A.7	Scaffolding + temp walkways for girder + parapet install per BoQ 7.1.2.2 (LS — scaffold subbie hire INCLUDED + LFCS s
A.8	Super-T girder LAUNCH labour + temp bracing per BoQ 7.1.2.3 — 4 girders, single launch day, dogger INCLUDED, temp
A.9	Bridge deck drainage system INSTALL per BoQ 7.2.2.3 (drainage components SUPPLY by TCE; LFCS fixings/sealants)
A.10	Expansion joint INSTALL deck + approach slabs per BoQ 7.2.3.2 / 8.4.2 (joint hardware SUPPLY by TCE; LFCS fixings/se
A.11	Lift + install precast parapet barriers per BoQ 9.2.2 — precast SUPPLY by TCE. CRANAGE EXCLUDED — TCE provides
A.12	Curing labour: wet cure + monitor deck + approach slabs (12 days post-pour per RFQ scope) — folded into pour rates
A.13	QA admin: ITP / SWMS / sub-PQP prep + Hold Point chain admin + B80 ITP submissions — folded into rates
A.14	Mobilisation + site set-up + TCE Munmorah PS site induction (one-off) — folded into rates
A.15	Public Liability \$20M; Workers Comp current; SWMS/JSA development; site induction time
A.16	12-month Defects Liability Period (DLP) on installation workmanship

BLOCK B — EXCLUDED from LFCS lump sum (Defensive)

Ref	Item
B.0	LFCS standing FRP scope applies. LFCS prices ONLY: (1) formwork supply+install, (2) reo fix, (3) concrete pour+finish. A
B.1	ALL CRANAGE — substructure crane, Super-T launch crane (200T+), parapet lift crane. TCE provides crange on this job
B.2	ALL CONCRETE PUMPS (line + boom + boom for deck) — TCE supply per LFCS standing FRP scope
B.3	ALL LIFTING EQUIPMENT including EWPs / scissor lifts for major lifts (e.g. Super-T launch) — TCE supply per LFCS star
B.4	Props, falsework towers, shoring beyond formwork-integrated bracing — TCE supply per LFCS standing FRP scope
B.5	All material supply: concrete (240.6 m³), reinforcement bar (69.2 T), bearings, Super-T girders (4 x T4), precast parapets,
B.6	900 dia bored piles (12 x) — separate trade, complete pre-LFCS arrival
B.7	Pavement: 75 DGA Class 320 binder + 150 DGB 20 base + 200 DGB 40 subbase per C01.20. Civil contractor scope
B.8	Service relocations: HV electrical, LV electrical, water main, data, stormwater diversion (per C01.21). Civil contractor scop
B.9	Earthworks, batters, approach embankments, hydromulch/turfing per C01.20 — civil contractor
B.10	Site clearing, fence removal, existing slab demolition (except BoQ 6.1.1 wall) — civil/site contractor
B.11	Survey + set-out (assumed by TCE/Dec Projects with control points provided to LFCS)
B.12	Geotechnical investigation, dewatering, ground water management
B.13	Traffic management, road closures, temporary access, signage
B.14	Site sheds, amenities, bulk power/water, waste bins (assumed shared from TCE/Dec Projects)
B.15	Asphalt overlay over existing slab per Detail 1 (C01.21) — civil contractor
B.16	Safety barrier terminals (per C01.20) — separate roadside furniture trade
B.17	Raise existing electrical pit per S01.10 + C01.21 callout — NOT in BoQ; variation reserved
B.18	Any 2.4m x 300 wingwall retaining footing extra to drawn scope (S01.10) — RFI raised; price absorbed within wingwall line
B.19	Additional R20-400 abutment-deck dowels above quantity in BoQ 6.3.2 — RFI raised
B.20	Additional excavation/demo/obstructions during BoQ 6.1.1 wall demo beyond ~6.4 m³ saw-cut allowance — variation \$185
B.21	HV de-energisation windows beyond 2 x half-days (Munmorah PS adjacent HV station) — variation \$95/hr supervisor + cr
B.22	Wet weather standby beyond standard programme allowance — variation at standby rate
B.23	Goods + Services Tax (GST) — all rates GST exclusive; GST added at invoice

Variation Rate Card

Item	Rate ex GST
Trade hourly (incl. multipliers)	\$98/hr
Supervisor hourly (incl. multipliers)	\$108/hr
Labourer hourly (incl. multipliers)	\$87/hr
Standby rate (per crew, capped 4 hrs at sup rate)	\$95/hr cap
Materials at cost +12.5% handling	(cost + 12.5%) x 1.12
Plant pass-through at hire cost +10%	(cost + 10%) x 1.12

Demo (unknown obstructions)	\$185/m³ + \$95/hr standby
Saturday penalty (trade)	\$128/hr
Sunday/PH penalty (trade)	\$170/hr