

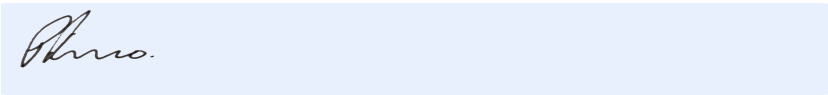
BSBPMG518

MANAGE PROJECT PROCUREMENT

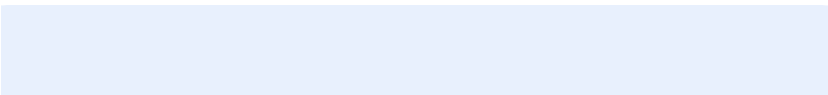
PRACTICAL ASSESSMENT INSTRUCTIONS

- The following practical assessment will require the participant to complete work related activities.
- Observations will be conducted of the participant's work to determine whether they display sufficient practical skills and knowledge.
- Please fill in the details below, providing your name, signature and date of assessment.
 - Your signature acknowledges that the assessor provided clear instructions and the participant understood what was required to complete this assessment.
- The assessor may substitute a Practical Task with another task of equal value.
 - Alternate tasks must be fully documented by the assessor.

Participant name Paul Russo

Participant signature 

Assessor name _____

Assessor signature 

Date 11/08/2021

Number of tasks	Number of tasks completed	Satisfactory?	
		Yes	No
1		☐	☐

ASSESSOR COMMENTS

BSBPMG518

MANAGE PROJECT PROCUREMENT

Practical Task 1		
Description of task: A suitable observer is to verify the participant's ability to undertake procurement in projects. These tasks may be simulated or real. The participant is to gather evidence of how they have completed each component of the Practical Task, which is to be submitted with this Practical Assessment sheet. The observer is to provide detailed comments on the tasks completed by the participant. The assessor is to verify the observer's comments in the Assessor Comments section, and provide the Practical Assessment outcome on the front cover of this document.		
Resources required: Project documentation, Organisational documentation relevant to procurement and contracts.		
Assessment of task		
Name of participant:		
Name of observer:	Nick Brockhurst	
Role of observer (Confirm suitability to sign)	Project Engineer	
Email address of observer	nick.brockhurst@cbgujv.com.au	
Signature of observer:		
Date:	Click here to enter a date.	
When completing the task, did the participant:		Tick if satisfactorily completed. Provide comments if left unticked.
1 Determine procurement requirements		
1.1A.	Seek input from stakeholders to identify procurement requirements.	☐
1.1B.	Establish and maintain, within delegated authority, agreed procurement management plan.	☐
2 Establish agreed procurement processes		
1.2A.	Obtain information from suppliers capable of fulfilling procurement requirements.	☐
1.2B.	Determine or adopt established selection processes and selection criteria, and communicate to vendors to ensure transparency.	☐
1.2C.	Obtain relevant approvals for procurement processes to be used.	☐
3 Conduct procurement activities		
1.3A.	Identify and act according to probity and project governance constraints.	☐
1.3B.	Communicate agreed proposals and/or specifications to prospective vendors to ensure clarity of understanding of project objectives.	☐
1.3C.	Solicit vendor responses according to proposal requirements.	☐

Attachment 1:
Procurement
management
plan for
project

Attachment 2:
Request for
quotation form
internal
approval

Attachment 4:
Non-financial
comparison

Attachment 3:
Pre-tender
meeting minutes

Attachment 4:
Non-financial
comparison

Attachment 4: Non-financial comparison	1.3D. Evaluate responses and select preferred vendors according to current legal requirements and agreed selection criteria.	☐
Attachment 3: Pre-tender meeting minutes	1.3E. Negotiate with preferred contractor or supplier, to agree on terms and conditions of supply.	☐
4 Implement and monitor procurement		
Attachment 5: Tender addendum/variation	1.4A. Implement established procurement management plan and make modifications in line with agreed delegations.	☐
	1.4B. Review progress and manage agreed variations to ensure timely completion of tasks and resolution of conflict within the legal framework of the supply agreement.	☐
Attachment 1: Procurement management plan for project	1.4C. Identify and report procurement management issues and implement agreed remedial actions to ensure project objectives are met.	☐
5 Manage procurement finalisation procedures		
Attachment 6: Rocktown final account reconciliation	1.5A. Conduct finalisation activities to ensure vendor deliverables meet contracted requirements.	☐
	1.5B. Review project outcomes using available procurement records and information to determine effectiveness of procurement processes and procedures.	☐
Attachment 7: Rocktown final punch list/lessons learnt	1.5C. Document lessons learned and recommended improvements for application to future projects.	☐
The participant's performance was: ☐ Satisfactory ☐ Not Satisfactory		

OBSERVER COMMENTS

1.1A, 1.1B & 1.4C

Procurement management plan attached as evidence. This identifies procurement requirements, input from stakeholders & procurement management issues. Paul is a regular contributor to this procurement management plan

1.2A, 1.2B, 1.2C

Paul completed the request for quotation internal approval form which is an internal procedure for CBGU in place to ensure specific selection processes, approvals and relevant information is sought from prospective contractors prior to sending out the tender.

1.3A, 1.3C, 1.3D

The non-financial comparison tool completed by Paul is utilised to evaluate the responses of each vendors according to CBGU policies & procedures.

1.3B, 1.3E

The pre-tender meeting minutes attached which Paul was involved in communicates requirements to any prospective vendors & is used to negotiation & confirm terms & agreements which form part of the scope

1.4A, 1.4B

Tender addendum/variation has been completed by Paul as required for this specific tender package. This was completed after the initial tender was sent out, due to a design update for the pile layout.

1.5A, 1.5B

The final account reconciliation for a contractor who has completed their scope of works is shown as Attachment 6. This was completed by Paul.

1.5C

The final punch list/lessons learnt was implemented by Paul for the outgoing contractor as part of their close out requirements.

Attachment 1: Procurement management plan for project

Gabba Station Team Procurement Meeting Minutes & Actions



CBGU D&C JV

Project No:	Q80379
Project Name:	Woolloongabba Station
Date:	3/08/2021
Attendees:	Aaron Poustie (AP), Joel Purcell (JPu), Leo Polestico (LP), Cameron Adam (CA), Annabelle Kissane (AK), Adrian Abeya (AA), Nick Brockhurst (NB), Oliver Kempton (OK), Paul Russo (PR), Wade McHarg (WM), Andrew Taylor (AT),
Apologies:	Chris Russell (CR), Michael Bentley (MB), Justin Perkins (JP), Warren Tresider (WT),

Agenda

A	Review of procurement schedule – look ahead of the next 6 months of packages based on current required on site dates.
B	Engineers & CAs to come prepared with an update on the status of your packages
C	Any new packages / changes to procurement priorities are to be discussed and agreed in this meeting. Noting procurement of a subcontract package needs to allow generally for 6 month process (depending on value, budget status).
D	Package Engineer & CA to check budget values align with how we anticipate to package up the work scope. This affects the time assumed/allowed for in the RFA process (driven by \$ value signoff)
E	All dates below are based on TP02. Any changes to program dates & priorities to be approved by Chris Russell

RFAs in Milton			RFA MT/SD/DB signoff	RFA AH/AL signoff	RFA approval CPB/Milton	July21 planned ROS	TP02 ROS	Engineer	Commercial	Approx \$	Comment / Actions
1	20318	Blockwork	Complete	Pending	27-Jul-21	07-Sep-21	01-Sep-21	NB	OK	\$ 2,328,917	1. Tender was returned 17 April. RFA was issued on 25/06. 2. The RFA for Milton (SD,MT, DB) was issued for bluebeam review on 25/06 and comments will close on 02/07 3. Bluebeam review has been complete - RFA has been reviewed by SD,MT,DB. 16/07 package provided to Milton, signed by MT,DB, now to be SD. Then AH/AL. 4. Changes were issued to SD 22/07. SD to sign and issue to AH/AL 5. SD issued package to AH/AL 23/07. 6. 03/08 - AH has returned comments to MT. CR has provided this to NB and OK - action is send back to MT today
2	20330-01	Architectural and Fire Doors - Package 1 - supply of early blockwork doorsets	04-Aug-21	N/A	04-Aug-21	01-Sep-21	01-Sep-21	NB/LP	AP	\$ 135,920	1. RFA issued to Milton 27/07. Target to have this signed off 04/08 2. 03/08 - Review meeting being held with MT/SD 12.30pm
3	70037	Supply of precast Mezzanine Beams			31-May-21	13-Jan-22	13-Jan-22	WM	TC		1. Segment transportation & transfer yard - post tender negotiations underway.
4	70008	Install of precast Mezzanine Beams - Install			31-May-21	08-Feb-22	08-Feb-22	WM	TC	\$ 4,638,521	1. Installation works - 13/07 - not awarded but preferred nominated
5	70045	Supply of precast Culverts and Planks			31-May-21	13-Jan-22	13-Jan-22	WM	TC		1. RFA is progressing - understood the RFA is still Humes.
RFAs with Gabba team			Draft RFA for CR & JP review	RFA sign off Gabba team	RFA approval - Milton/SteerCo/CPB	July21 planned ROS	TP02 ROS	Engineer	Commercial	Approx \$	Comment / Actions
6	20325	FRP Caverns/Mezzanine (stages 5 & 6)	12-Jul-21	19-Jul-21	13-Sep-21	27-Sep-21	23-Sep-21	WM	AA	\$ 3,951,798	1. Tender closed 19 May. 2. 3 prices received. 3 post tender meetings held. 3. 15/06 - As a result of removing the cavern gantry crane package, there is opportunity now to commence the work scope on the caverns on 30 August 2021, the target to achieve sign off to enable the works to commence on a date earlier than required by TP02. 4. 22/06 Tender Addendum 2 issued including revised program dates, crane methodology, plus option to price the precast platform installation - due back COB Monday 28 June 2021. 5. 29/06 - Addendum pricing to be returned, follow up all 3. 6. 06/07 - Action is with senior management team following various discussions in Milton late last week. 7. 20/07 - COB today Zoomwave will submit pricing. 8. 27/07 - Zoomwave submitted pricing for 2/3 of scope. Heinrich pricing still awaited. Evaluation on hold. 9. 03/08 - See if Heinrich are back pricing the works
7	20330-02	Architectural and Fire Doors - Package 2 - supply of non specialist doorsets	18-Aug-21	25-Aug-21	20-Oct-21	01-Dec-21	01-Dec-21	NB / LP	AP	\$ 432,570	1. Package 2, 2 out of 3 prices returned 27/07. Priced received. 2. 03/08 - Full pricing breakout requested from Spence Doors - other 2 prices rec'd. RFA to be finalised COB Friday 06/08
8	20330-03	Architectural and Fire Doors - Package 3 - supply of specialist doorsets.	18-Aug-21	25-Aug-21	20-Oct-21	01-Dec-21	01-Dec-21				
9	20333	Station Electrical - Gabba only	25-Aug-21	17-Sep-21	17-Sep-21	15-Oct-21	29-Oct-21	AT / LP	CA	\$ 5,435,137	1. Tender issued 20 May 2021. Tender closed 1 July 2021. All prices received. 2. Internal review complete 15/07. CA/AT/JN Strategy paper to be prepared based on round 1 tender pricing. Once strategy paper has been approved, issue addendum and arrange tender meetings. 3. Note program dates (left hand side) are based on assumed 8 week Milton, SteerCo & CPB approval period then 4 week lead to allow early works to commence. 4. 20/07 - budget vs current pricing underway. This will inform the strategy paper for internal approval. 5. 27/07 - reconciliation of pricing remains ongoing. There is a weekly meeting with MT/SD/JN to progress this. 6. 03/08 - Final clarification list has been compiled, this has to be reviewed by the SMT (target today) will need to be issued to the tenderers. Bring in the tenderers ASAP covid restrictions pending

Attachment 1: Procurement management plan for project

10	20338	Fire Protection System	25-Aug-21	17-Sep-21	17-Sep-21	15-Oct-21	29-Oct-21	AT / LP	CA	\$ 3,874,101	1. Tender issued 8 June 2021. Tender closed 3 submissions received. Premier Fire declined. 2. Evaluation of initial tender returns - program dates are based on 4 week lead ins following approval by CPB/SteerCo. 3. Note program dates (left hand side) are based on assumed 8 week Milton, SteerCo & CPB approval period then 4 week lead to allow early works to commence. 4. 20/07 - budget vs current pricing underway. This will inform the strategy paper for internal approval. 5. 27/07 - reconciliation of pricing remains ongoing. There is a weekly meeting with MT/SD/JN to progress this. 6. 03/08 - Clarification list to be compiled this week for SMT review.
11	20334	Station Hydraulics	25-Aug-21	17-Sep-21	17-Sep-21	15-Oct-21	29-Oct-21	AT / LP	CA	\$ 1,021,180	1. Tender issued 8 June 2021. Tender closed 2 submission received. One additional to be sourced. 2. Evaluation of initial tender returns. Follow same process for electrical. 3. Note program dates (left hand side) are based on assumed 8 week Milton, SteerCo & CPB approval period then 4 week lead to allow early works to commence. 4. 20/07 - budget vs current pricing underway. This will inform the strategy paper for internal approval. 5. 27/07 - reconciliation of pricing remains ongoing. There is a weekly meeting with MT/SD/JN to progress this. 6. 03/08 - Clarification list to be compiled this week for SMT review.
12	20328-01	Structural Steel - Below Ground & Service Building & Access floors	26-Aug-21	02-Sep-21	28-Oct-21	01-Feb-22	20-Sep-21	NB / LP	OK	\$ 1,712,984	1. Construction team noted following review of the ROS date - the earliest date for structural steel on site now is 18 November 2021 (based on program issued 18/06). 2. Tender issued 8 June 2021. 2 have declined, 7 others to be confirmed - OK to follow up. Package briefing held. 3. Addendum was issued 30 June, extending the package until COB Thursday 22 July. Brezac were added to the tender list. 4 prices coming back. 4. 13/07 - check with all tenderers to confirm min 3 prices are still received - OK 5. 20/07 - 2 confirmed, 1 to be confirmed (CASA). 6. 27/07 - tender closed 22/07 - 3 prices received. Initial pricing comparison to be complete by COB today, including high level budget reconciliation to identify the cost overrun areas. Noted that GRC are currently completing a revised take off. Confirmed with NB and MB revised ROS date of 1/02/22 7. 03/08 - Compile agenda of issues to be discussed and post tender meetings to be arranged. Full non-financial information has been submitted.
13	20337	Station Mechanical & Ventilation	TBA	TBA	17-Sep-21	15-Oct-21	29-Oct-21	AT / LP	CA	\$ 5,191,861	1. Tender issued 11 June 2021. Tender returned 30 July. 3 tenderers submitted prices 2. 03/08 - Initial evaluation of pricing is underway. Target to compile clarifications list by end of week for SMT review. 3. 07/08 - Package was issued to tender to: Avopiling, Caporn Foundations, PCA Ground Engineering, Wagston Piling.
14	20336	Piles Stanley St Bridge & BOH Lvl 0	29-Sep-21	06-Oct-21	06-Oct-21	01-Dec-21	11-Oct-21	RC / PR	AP	\$ 635,431	2. 28/06 - tender closed on 25 June. Caporn's price received, Avo's & PCA price is coming in 29/06. Action is to arrange post tender meetings for Thursday. 3. 06/07 - Post tender meetings will be closed out this week. Addendum to be issued regarding the service building pile locations also the timing of the busway works - RC/PR to provide info. Addendum to be issued Friday with pricing due back Wednesday/Thursday. RFA target to complete Thursday 22 July. 4. 13/07 - Addendum to be issued today. 5. 20/07 - change of pile designs affecting pricing awaiting RBG issue the addendum. Timing for busway works and ROS date to be reviewed as part of this addendum. Target to issue this to confirm pricing 20/07. RFA target to complete Thursday 29 July with issue to Milton w/c 2 August 6. 03/08 - PCA (due back 03/08), AVO (requested RFI for rig / technical info to be clarified before they submit a price - info has been provided now to submit a price 03/08), Caporn (submitting pricing 03/08). RFA to be drafted Friday 13/08. Check budget status if this needs to go to SteerCo for approval.
Packages out to tender			Issued for tender	Tender due back	RFA approval - SteerCo/CPB	July21 planned ROS	TP02 ROS	Engineer	Commercial	Approx \$	Comment / Actions
15	20323-03	Installation of precast super T's and deck units	14-Jul-21	16-Aug-21	22-Sep-21	01-Nov-21	01-Nov-21	WM	AP	\$ 882,836	03/08 - Individual meetings being run through. Formcon meeting held 19/07. Silverstrand meeting held 22/07. 1 other is a maybe (Austructure) to be arranged. Other 3 not pricing (Silverstrand, Rocktown, Niepe).
Other tender packages with Gabba team / scope gaps			RFQ pack drafted & presented	RFQ sign off by JP & CR	RFQ approval - Out to tender	July21 planned ROS	TP02 ROS	Engineer	Commercial	Approx \$	
								All			Team to advise any works that have been agreed / negotiated in final RFA/contract to be performed by others - this will be included in a future RFQ or decided if it will be a variation to an existing contract.
16	20369	Bearings supply - Gabba only	TBA	TBA	TBA	TBA	27-Sep-21	WM / AK	OK	TBA	06/07 - package added. Gabba specific supply order to be raised based on Northsides agreement. Team noted there is an 8 week lead time - need to factor in timeframes for procurement / approvals as well. 13/07 - follow up design change to specifications - WM to follow up with John B today 20/07 - Sole order to be placed - however total order value to be placed. WM to check on warranties - send through proposed scope. Confirm pricing with Granor. RFA to be arranged. 27/07 - scope has been sent to OK. Additional pricing from Granor being obtained. AK to follow up supplier for final pricing. 03/08 - OK drafting a variation for approval - to be sent to CR today.
17	20375	Cavern crane package (crawler crane package)	TBA	TBA	TBA	TBA	28-Sep-21	WM / AK	AP	\$ 600,361	06/07 - RFQ to be prepared by 13/07 13/07 - RFQ has been drafted based on gantry crane package but on plant hire agreement. 20/07 - AP to review draft RFQ 21/07 27/07 - AK/AP to review draft RFQ. Tender list to be compiled 03/08 - RFQ is currently with CR review, will be sent to Milton ASAP.

Attachment 1: Procurement management plan for project

RFQs in Milton			RFQ MT/SD/DB signoff	RFQ AH/AL signoff	RFQ approval - Out to tender	July21 planned ROS	TP02 ROS	Engineer	Commercial	Approx \$	Comment / Actions
18	20342	Ceilings & Partitions	Complete	ASAP	ASAP	01-Oct-21	07-Apr-22	NB / LP	CA	\$ 6,247,785	1. 17/05 - team initial review of scope complete. 18/05 - GRC BOQ has been received. 2. 01/06 - When the IFC design has been provided, construction team have identified the designers have included for a new ceiling on B7 and B9 which is fire rated/acoustic and has soffit insulation throughout. This will require some works to be complete in Oct/November 2021. 3. JP & CR have reviewed - comments are being updated. 4. 07/07 - RFQ was issued for blue beam review - MT/SD/DB issued for bluebeam review - 07/07 - comments closing 14/07 (SD,MT,DB). MT will provide comment 16/07, 5. 20/07 - SD to provide comment 21/07. Early works package may be required depending on speed of RFQ process. 6. Comments rec'd from DB, MT, SD - comments received 21/07. CA to send responses today, for discussion tomorrow. Aim to reissue RFQ for AH/AL review by end of week. 7. 03/08 - MT to review return comments with view to issue to AH/AL this week.
RFQs due to be drafted - 4 week lookahead / overdue			RFQ pack drafted & presented	RFQ sign off by JP & CR	RFQ approval & out to tender	July21 planned ROS	TP02 ROS	Engineer	Commercial	Approx \$	Comment / Actions
19	20376	Preston roll out retractable platforms	24-May-21	31-May-21	28-Jun-21	01-Sep-21	01-Sep-21	LP / NB	OK	\$ 100,000	18/05 - package scope of works to be distributed 21/05 25/05 - JD has prepared a work scope, NB to review. OK to review what contract needs to be issued. 01/06 draft RFQ to be issued tomorrow for OK to review. 08/06 - RFQ to be issued - NB to check lead in time required due to temporary works design 15/06 - NB to issue to LP to review. Joel noted it would require a min 6 week lead in. 22/06 - alternative from CPB yard being reviewed. 29/06 - Waiting on answer from systemwide 06/07 - to be followed up. 13/07 - methodology with construction team and Heinrich to be resolved 20/07 - scope drafted, program duration to be resolved. Target blue beam review 21/07. 27/07 - meeting this afternoon to confirm details 03/08 - scope to be issued to OK by 03/08/08 - one only on B7 with a hire period of approx 3 months
20	20323-02	Precast super T's and deck units - Heavy lift craneage only	09-Jun-21	16-Jun-21	14-Jul-21	05-Jan-22	21-Feb-22	AK / WM	AP	\$ 2,159,816	1. Scope review complete. 2.13/07 - AP to review draft package. 3. 20/07 - blue beam review to be complete by CR/JP. JP has reviewed. 4. 27/07 - CR to review package. Then issue via blue beam review 5. 03/08 - Program dates for mezzanine is to be updated - action with Joel Wade
21	20340	Installation of Precast platforms - Culverts and Planks	28-Jun-21	05-Jul-21	02-Aug-21	11-Feb-22	11-Feb-22	AK / WM	AP	Included in 70045	06/07 - as a result of what may occur on the caverns package, this package will now need to be prepared as a separate RFQ. The work scope has been prepared. The remainder of the RFQ needs to be collated. 13/07 - tender list, budget, program, scope needs to be collated into RFQ. 20/07 - action as per above 27/07 - RFQ meeting today 03/08 - RFQ ready for internal review today - review by CA/CR
22	20339	Architectural Cladding, Anodised Aluminium & Fixed Louvers	16-Jun-21	23-Jun-21	04-Aug-21	26-Apr-22	14-Jun-22	LP / NB	AP	\$ 12,352,241	1. Meeting between Joel, Nick, Aaron and the supplier noted there is a lead in of 6-8 months from order placement (contract) to commencement on site. This has been factored in based on a ROS date of June 2022. 2. 08/06 Nick to book in scope review meeting & draft RFQ for Thursday 24 June. RFQ review 25 June CR/JP. 3. 22/06 BOQ has been received from GRC - issue copy to MT/SD. 4. 29/06 - scope review to be booked in Friday 2 July 5. 06/07 - scope review to be booked in Thursday 8 July 6. 13/07 - blue beam review held. Program to be finalised. Target to have RFQ drafted for internal review by Friday 16 July. Provide breakdown of lead time to answer queries from Milton. 7. 20/07 - RFQ has been updated to reflect comments from AP/JP, LP to review with JP/AP. Target to issue to Milton review Thursday 22 July (SD,MT,DB). 8. 23/07 - package SOW reviewed, action with NB 9. 27/07 - NB revising scope following review of materials at mock up. Target completion 28/07. Lead time of 115 working days to be confirmed / split into durations. 10. 03/08 - RFQ ready for internal review today - review by CA/CR
23	20344	Busway works (potentially 3 sub packages): (1) Demo existing retaining wall (2) Services relocations (3) Temp compound, relocate existing, & associated building works	08-Jul-21	15-Jul-21	12-Aug-21	22-Nov-21	22-Nov-21	AK / WM	AA	\$ 570,203	25/05 - Meeting with Busway is scheduled for later this week - JP/WM. 01/06 - Meeting did not progress last week, to be rebooked in. Keybuild are completing the prequalification - however we need more tenderers. 08/06 - Meeting was booked, reps from Busway did not turn up. Wade is currently preparing scope - target Friday 18 June. 15/06 - Updated design info to be issued to the stakeholders, Joel / Wade will set up a meeting to review with them prior to finalising the scope. Agreement in principle required before the scope is finalised. 22/06 - as per note on 15 June. no update. 29/06 - Drawings have been issued DD external, meeting to be setup to discuss the relocation of the building with stakeholders. Additional tenderers needed. 06/07 - Invite to be issued for end of the week meeting with TransLink, BCC, TfB, TMR. 13/07 - meeting to be set up 20/07 - design has only been issued 16/07. JP/WM to set up meeting with AL to resolve stakeholder strategy and scope extent. Consider the ICN list and IPP tender list (i.e.. Shamrock JV) 27/07 - Note as per last week - JP noted that CR is to book the meeting 03/08 - RFQ ready for internal review today - review by CA/CR

Attachment 1: Procurement management plan for project

24	20378	Utilities - Sewer	08-Jul-21	15-Jul-21	12-Aug-21	15-Jan-22	15-Jan-22	AT / LP	To be recruited	\$ 1,916,025	Currently in the hydraulics package
25	20351	Major Retaining Structure	09-Jul-21	16-Jul-21	13-Aug-21	04-Jan-22	03-Mar-22	AK / WM	OK	\$ 1,968,864	1. Tender list & prequals 2. RFQ package. Any change to ROS to be approved by CR. 22/06 - noted this may be more of a priority than the footbridge package 20365. Package RFQ can commence if ROS is earlier than TP02. 2. 13/07 - scope of works has commenced, systemwide confirmation of Energex date to be resolved this could move into 2022. RFQ being drafted for 29th of July. 3. 20/07 - still on target 4. 27/07 - package will be pushed back one week as Wade is on annual leave 5. 03/08 - draft RFQ meeting to be booked in 06/08
26	20335	Arch Cladding-GFRC/Precast	12-Jul-21	19-Jul-21	16-Aug-21	26-Apr-22	24-May-22	NB / LP	AP	\$ 2,675,852	1. Tender list (review list and obtain prequals through felix)& prequals 2. RFQ package 2. 13/07 Global package for the supply of materials. Program information required. Provide breakdown of lead time to answer queries from Milton. Blue beam review Thursday 22 July, with RFQ pack ready for internal review Fri 23 July. NB to rebook 3. 20/07 - still on target 4. 27/07 - blue beam review to be booked in for Tuesday 3 Aug. 5. 03/08 - book in RFQ review Tuesday 10/08.
27	20345	Roofing	26-Jul-21	02-Aug-21	30-Aug-21	07-Apr-22	07-Apr-22	LP / NB	AP	\$ 1,842,053	1. Tender list & prequals (review list and obtain prequals through felix) 2. RFQ package. 3. Program date to be reviewed. Joe to assist in putting this together. 2. 29/06 - review of forecast ROS date - now 15.04.2022 for the service building roof. 3. RFQ to be compiled for internal review on 23 July. Joe has commenced the work scope. 4. RFQ internal review Thursday 29 July. 5. 03/08 - Joe has drafted work scope (LP to review), program TBC, book in internal RFQ review Tuesday 10/08.
28	20331	Glazing	12-Jul-21	19-Jul-21	30-Aug-21	22-Jun-22	04-Aug-22	LP / NB	To be recruited	\$ 8,626,819	1. Tender list & prequals 2. RFQ package 3. 20/07 - NB to draft RFQ ready for internal review 6 August 4. 03/08 - RFQ vet to commence, draft RFQ date to be advised.
29	20365	Footbridge to Stanley Street	02-Aug-21	09-Aug-21	06-Sep-21	17-Mar-22	25-Feb-22	AK / WM	AA	\$ 4,654,328	1. Budget to be reviewed and relevant packages identified - this has been complete. 2. Check in this months review the proposal is to turn key vs split up of package. 3. Refer to note on busway interface works package above. 29/06 - Drawings have been issued DD external, meeting to be setup to discuss the relocation of the building with stakeholders. Additional tenderers needed. 06/07 - WM/AK to start compiling the scope 13/07 - scope and package can progress. 20/07 - ties into discussion with AT
30	20364	Waterproofing (membrane L0)	05-Aug-21	12-Aug-21	09-Sep-21	25-Feb-22	07-Dec-21	PR	AP	\$ 210,931	01/06 - Minor epoxy works required as a result of removing the applied floor finish package needs to be included . 22/06 - Waterproofing scope review has been held. BOQ has been issued - RC to review, noting one or two items may have been missed. Warranty issue to be closed out. Update scope expected to be another week 29 June 2021. Issue to JP/CR for review on bluebeam. 29/06 - check on quantity discrepancy between GRC and our measure. Check on program dates, warranties and external waterproofing extent. RFQ pack is nearly ready for review. 06/07 - RC to address above comments by end of the week. RFQ to be issued to CR & JP by COB Tuesday 13th July. 13/07 - Addressing quantity issues from GRC bill. RFQ pack is ready for review once this is resolved. 20/07 - GRC quantity issues have been resolved. RFQ to be ready for internal review 23/07 27/07 - RC to complete review 28/07. Also review the ROS date.
31	20328-02	Structural Steel - Above Ground Canopy & Busway Canopies	09-Aug-21	16-Aug-21	13-Sep-21	22-Jun-22	24-Mar-22	AK / WM	OK	\$ 3,381,102	1. Tender list & prequals 2. RFQ package. Note this package also includes for the covered connection to busway & canopies 15/06 - Joe to assist in putting together an addendum for the below ground steel package which includes for the above ground service building works that are required early in 2022. 29/06 - addendum being issued today for the below ground package to include for the services building, resulting in the above ground canopy having an ROS date of approximately
32	20347	Traffic Signals	09-Aug-21	16-Aug-21	13-Sep-21	17-Mar-22	03-Feb-22	AT / LP	CA	\$ 1,050,000	22/06 - Draft RFQ has been provided by AT. Tender list is currently being proposed - TMR/BCC approved tender list has been sourced. 29/06 - run through of draft RFQ to be complete. 06/07 - package review meeting to be completed by end of week 13/07 - scope review by end of this week. WM to attend as well. 20/07 - meeting has been setup for 20/07
33	20324	Metalwork - Roller shutters, handrails and miscellaneous items	09-Aug-21	16-Aug-21	13-Sep-21	07-Apr-22	07-Apr-22	NB / LP	AP	\$ 775,994	1. Tender list & prequals 2. RFQ package 3. Joel to confirm ROS date of 7 April 22.
34	20377	Utilities – HV Power	19-Aug-21	26-Aug-21	23-Sep-21	01-Mar-22	01-Mar-22	AT / LP	To be recruited	\$ 486,068	13/07 - new package added 20/07 - strategy currently is not to included in the services packages returned for tender as an addendum.
RFQs out to tender before end of 2021			RFQ pack drafted & presented	RFQ sign off by JP & CR	RFQ approval & out to tender	July21 planned ROS	TP02 ROS	Engineer	Commercial	Approx \$	Comment / Actions
35	20380	Utilities - Watermain	01-Sep-21	08-Sep-21	06-Oct-21	18-Mar-22	18-Mar-22	AT / LP	To be recruited	\$ 1,994,722	13/07 - new package added 20/07 - Addendum to be drafted ready to be included in the post tender correspondence.
36	20329	Scaffolding (above ground)	02-Sep-21	09-Sep-21	07-Oct-21	07-Mar-22	07-Mar-22	PR / RC	AP	\$ 1,280,070	1. Tender list & prequals 2. RFQ package 3. 20/07 - Coordination meetings to be setup to review scaffolding requirements until completion.
37	20360	Signage-Statutory/Wayfinding	21-Sep-21	28-Sep-21	26-Oct-21	26-Apr-22	15-Jul-22	NB / LP	To be	\$ 536,070	1. Tender list & prequals 2. RFQ package
38	20354	Fittings & Furniture including TransLink Rooms	14-Oct-21	21-Oct-21	18-Nov-21	15-Jul-22	15-Jul-22	NB / LP	To be	\$ 2,258,136	1. Tender list & prequals 2. RFQ package
39	20379	Utilities - Communications	04-Nov-21	11-Nov-21	09-Dec-21	02-Jun-22	02-Jun-22	AT / LP	To be	\$ 588,366	13/07 - new package added

Attachment 1: Procurement management plan for project

RFQs - remainder of project (2022)			RFQ pack drafted & presented	RFQ sign off Gabba team	RFQ approval - DB/JK/AH/AL	July21 planned ROS	TP02 ROS	Engineer	Commercial	Approx \$	Comment / Actions
40	20355	Architectural-Tiling (mostly Terrazzo flooring)	24-Jan-22	31-Jan-22	28-Feb-22	01-Nov-22	07-Apr-22	NB / LP	To be recruited	\$ 2,201,648	1. There will likely be a supply contract for all stations. However, stations will procure an installation package. 2. Refer to email distributed 05/07 - package engineer need the involvement of Roger Garreau (Mock Up Supervisor) and Connie Lee (Mock Up Engineer) with lessons learn and design/changes needed. LP to discuss with them 3. 07/07 - Leo to confirm supply lead time. Align lead time in procurement schedule. LP pull out Mock Up scope to use as starting point for station scope. RFQ preparation required by 19/7/21. 3. 20/07 - prototype review complete last week. Scope review target 30 July. Leo to lead this package with the assistance from Connie (noting away in August)
41	20352	Landscape-Public Lighting	07-Feb-22	14-Feb-22	14-Mar-22	22-Aug-22	03-Feb-22	AT / LP	OK	\$ 221,730	1. Tender list & prequals 2. RFQ package
42	20369	B Earthworks- strip, dispose	24-Jan-22	31-Jan-22	28-Feb-22	15-Aug-22	21-Mar-22	AK / WM	OK	\$ 1,943,314	1. Tender list & prequals 2. RFQ package
43	20357	Fencing / Hoardings	12-Jul-22	19-Jul-22	16-Aug-22	09-Jan-23	16-Mar-22	AK / WM	OK	\$ 370,348	1. Tender list & prequals 2. RFQ package
44	20332	Stormwater Drainage	24-Jan-22	31-Jan-22	28-Feb-22	15-Aug-22	07-May-22	AK / WM	CA	\$ 1,611,918	1. Tender list & prequals 2. RFQ package
45	20363	Painting	19-May-22	26-May-22	23-Jun-22	05-Dec-22	07-Apr-22	NB / LP	AP	\$ 1,708,149	1. Tender list & prequals 2. RFQ package
46	20350	Road Wks (Pavement and Kerbing)	27-Dec-21	03-Jan-22	31-Jan-22	15-Aug-22	26-May-22	AK / WM	OK	\$ 2,165,281	1. Tender list & prequals 2. RFQ package
47	20346	Road Wks (Signage/Line marking)	17-Jan-22	24-Jan-22	21-Feb-22	15-Aug-22	26-May-22	AK / WM	OK	\$ 484,174	1. Tender list & prequals 2. RFQ package
48	20370	Floor-Carpet/Vinyl	08-Mar-22	15-Mar-22	12-Apr-22	07-Sep-22	07-Apr-22	NB / LP	To be	\$ 29,243	1. Tender list & prequals 2. RFQ package
49	20349	H. Landscape-Conc Footpaths	27-Jun-22	04-Jul-22	01-Aug-22	06-Feb-23	13-Jun-22	AK / WM	OK	\$ 1,779,955	1. Tender list & prequals 2. RFQ package
50	20356	H.Landscape-Paving	13-May-22	20-May-22	17-Jun-22	06-Feb-23	19-Aug-22	AK / WM	OK	\$ 4,109,105	1. Tender list & prequals 2. RFQ package
51	20366	Joinery	07-Apr-22	14-Apr-22	12-May-22	14-Nov-22	15-Jul-22	NB / LP	CA	\$ 172,226	1. Tender list & prequals 2. RFQ package
52	20348	S.Landscape-Irrigation	13-Jun-22	20-Jun-22	18-Jul-22	06-Feb-23	19-Oct-22	AK / WM	OK	\$ 2,767,140	1. Tender list & prequals 2. RFQ package
53	20372	Builders Clean	07-Nov-22	14-Nov-22	12-Dec-22	15-May-23	15-Sep-22	NB / LP	AP	\$ 358,520	1. Tender list & prequals 2. RFQ package
54	20362	Street Furniture/Art	11-Jul-22	18-Jul-22	15-Aug-22	06-Feb-23	15-Aug-22	AK / WM	AP	\$ 675,000	1. Tender list & prequals 2. RFQ package

Attachment 2: Request for quotation form internal approval

Tunnel, Stations and Development PPP Package – D&C Works

Woolloongabba - Modular Stairs

Recommendation for Award



CBGU D&C JV

DATE:	11-Feb-2020	CONTRACT TYPE:	Supply Contract
WORK AREA:	Woolloongabba Station	CONTRACT / PACKAGE NO.:	Q80374-WG-WC-40035-0000
PACKAGE DESCRIPTION:	Modular Stairs		

* Please specify if Early works / Temp / Supply only / consultant etc.

PROCUREMENT SUMMARY AND NEGOTIATION HISTORY

SUMMARY OF PROCUREMENT STRATEGY & SUPPLY CHAIN FINANCING NEGOTIATION:

A formal RFQ process was undertaken for the supply of modular stairs at the Woolloongabba site. Four tenderers submitted pricing (Calbah Industries, Safe Smart Access, Sun Engineering & Forefront Services). Each of the tenderer's offer was evaluated to confirm compliance with the supplied drawings. The financial comparison was undertaken based on the design, supply & delivery of two sets of modular stairs to depths of 27m & 33m.

After the financial comparison of the submitted tenders was undertaken, Calbah Industries has been selected as the preferred tenderer for the modular stair package for Woolloongabba.

NEGOTIATION LEAD:	DATE	PRICE	SCF %	COMPANY NAME
Describe any discounts or negotiations requested or to be requested :				
OFFER 1		\$337,056		Calbah Industries
OFFER 2				
OFFER 3				
FINAL OFFER		\$337,056		Calbah Industries

TENDERS RECEIVED

COMPANY NAME	EVAL %	SUBMITTED OFFER	SCF %	FINAL OFFER (excl. GST)
Calbah Industries		\$ 337,056.00		
Safe Smart Access		\$ 423,563.00		
Sun Engineering		\$ 564,441.00		
Forefront Services		\$ 1,677,053.00		

RECOMMENDATION

RECOMMENDED TENDERER	Calbah Industries	A	COMMITTED (FINAL OFFER)	337,056
TENDERER'S ABN	58 050 275 020	B	NON-COMMITTED (VARIATIONS)*	0
LOCAL CONTENT	No	C	GROWTH ALLOWANCE**	
INCOTERMS	N/A	TOTAL (A+B+C)		337,056

* Allowance for expected costs not included in the contract i.e. non-direct costs such as third party QA

SUPPORTING COMMENTS

The recommended tenderer (Calbah Industries) was chosen based on on their competitive pricing & relatively short lead time for fabrication and delivery of the stairs (3 - 4 weeks). They also demonstrated knowledge of the scope in their pricing which was compliant to the scope of works, they are an Australian supplier and are proven on previous projects undertaken by CIMIC companies. Refer to form 4A for further commentary.

- Add additional pages and or space as required.

Attachment 2: Request for quotation form internal approval

Tunnel, Stations and Development PPP Package – D&C Works

Wolloongabba - Modular Stairs

Recommendation for Award



CBGU D&C JV

FINANCIAL POSITION					
TOTAL BUDGET					298542.8
TOTAL FORECAST					
TOTAL PROCUREMENT PLAN TARGET					337056
TOTAL ACTUAL (RECOMMENDED)					337,056
Select one:		BUDGET ☐	FORECAST ☐	FORECAST PERIOD	
APPROVAL ROUTE					
COST CODE	QTY	DESCRIPTION	BUDGET / FORECAST VALUE *	TOTAL PRICE	GAIN / (LOSS) ON BUDGET / FORECAST
Q80374.21305	1	Road header access temp. access tower/scaffold	160,344	168,528	-8,184
Q80379.21305	1	Station preliminary works access tower/scaffold	117,737	168,528	-50,791
Special Requirements (i.e. Delivery Address)					
TOTAL			278,081	337,056	-58,975
A copy of the Budget or Forecast MUST be attached to this document					

RECOMMENDATION CHECKLIST	
Form 4 - Financial comparison attached.	Yes
Copy of quotations or completed BOQ	Yes
Is Form 4a Tender recommendation form attached (Packages over \$250k) - if not detail below why not required.	Yes
Form 3c Non-financial evaluation and prequalification result (Local Benefits Test) attached	Yes
Form 3b Safety evaluation form attached.	Yes
Form 3b WHS documentation submitted	Yes
Updated scope of work included	Yes
Updated pricing schedule included.	Yes
Contract Terms and conditions accepted and/or Contract deviations & Negotiations included.	Yes
Technical deviations record if required.	N/A
Post tender MOM or Clarifications	No
If NO is answered to any of the above questions, please explain below and attach relevant documentation of how deviation and risk is managed.	

Attachment 2: Request for quotation form internal approval

unnel, Stations and Development PPP Package – D&C Works

Wolloongabba - Modular Stairs

Recommendation for Award



CBGU D&C JV

COMMERCIAL			
CONTRACT START DATE	02-Mar-20	COMPLETION DATE	
PRICE BASIS (e.g. Lump sum / Schedule of Rates etc)	Lump Sum	SECURITY (Select one) (Refer preferred terms below)	☐ Bank Guarantees % ☒ Cash Retention % ☐ None

RECOMMENDED BY (Proponent / Package lead)			
NAME	Paul Russo	POSITION	Project Engineer
SIGNATURE		DATE	

APPROVALS (Refer Delegation of Authority Matrix)				
POSITION	AUTHORITY LEVEL	NAME	SIGNATURE	DATE
Project Manager	Up to \$50,000 (within budget, no contract departures)	Brendan Taylor Chris Russell		
Construction Director	Up to \$500,000 (within budget, no contract departures) Endorsement >\$500k	Matt Lennon		
Contracts and Procurement Manager	Up to \$50,000 (within budget) Endorsement > \$500k	Sean Davidson		
Project Lawyer	Endorsement of contract departures > \$50k	Adam Balchin		
Commercial Director	Up to \$500,000 (within budget) Endorsement > \$500k or over budget	Andy Higgs		
Project Director	Up to \$3m, 10% or \$100k over budget Endorsement >\$3m or 10% or \$100k over budget	Andrew Large		

Steering Committee- for any Recommendation over \$3m OR 10% over budget or \$100k over budget

POSITION	Name	Approve / Comment	SIGNATURE	DATE
CPB Authorised Representative				
BAM Authorised Representative				
Ghella Authorised Representative 1	Dale Gilbert			
Ghella Authorised Representative 2	Paolo Pediconi or Matteo Piva			
UGL Authorised Representative				

CPB CORPORATE SIGN OFF - Where Required.

BU General Manager	< \$3,000,000			
CPB Procurement Manager	>\$1m Emailed for Review			
CPB Executive General Manager	< \$5,000,000			
CPB Managing Director	< \$20,000,000			
CIMIC Deputy CEO	> \$20,000,000			

IF DEVIATING FROM THE MANDATED MINIMUM NUMBER OF SUPPLIERS (3x) FOR RFQ, THE BELOW DOA APPLIES

Project Manager	< \$50,000			
Project Director	< \$3,000,000			
CPB Executive General Manager	> \$3,000,000			
CPB Managing Director	> \$5,000,000			

WHERE MANDATED FRAME AGREEMENTS EXIST, APPROVAL BELOW REQUIRED FOR RECOMMENDATION OF AWARD

CPB Managing Director	APPROVAL (CPB OWNED)			
CIMIC CEO	APPROVAL (CIMIC OWNED)			

MINUTES OF MEETING

Subject of Meeting:	Q80379-WG-WC-20336 – Pre-award meeting				
	Package Q80379-WG-WC-20336 Back of House Piles			Meeting No. – 001	
Location:	Woolloongabba Station	Date:	07/07/2021	Time:	01:30pm

Chaired By: Aaron Poustie	Minuted by: Aaron Poustie	Distribution Date: 07/07/2021
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Attendees: Aaron Poustie, Wade McHarg, Joel Purcell, Paul Russo, Rory Church, Ron Bell
Represented Companies: CBGU D&C JV, Avopiling
Apologies: Justin Perkins

Distribution (Method e.g. email): Email

Item	Action	By Whom	By When
1.0	Technical clarifications		
1.1	Intra float movement from Abutment A to Pier 1 is a rate only. No walk charge for this item		
1.2	Regarding anchors, Avo has proposed to cut through the anchors with segmental liners		
1.3	Rigs to be used - BG28 for back of house piles, Lieber LB24 for Stanley Street Bridge piles		
1.4	Avo have made allowance for craneage		
1.5	Establishment for pile integrity testing accounts for the fact that a third party must certify the piles, as per CBGU spec		
1.6	Price of reinforcement subject to fluctuation, and subject to change. CBGU will endeavour to lock this cost down close to award.		
1.7	Dust suppression – Avo responsibility		
1.8	Avo has allowed for electrical conductivity of the BOH piles		
1.10	Approximately 280kPa required for rigs		
2.0	Subcontractor program/scheduling		
2.1	Rigs will be available – 4-6 week lead in		
2.2	Note – pile casing has a significant lead time		
2.3	Avo piling to provide program and methodology for the bridge walks, subject to rig sizing		

Attachment 3: Pre-tender meeting minutes

MINUTES OF MEETING

Subject of Meeting:	Q80379-WG-WC-20336 – Pre-award meeting Package Q80379-WG-WC-20336 Back of House Piles Meeting No. – 001				
Location:	Woolloongabba Station	Date:	07/07/2021	Time:	01:30pm

Item	Action	By Whom	By When
2.6	Mobilize and bore back of house piles, and then demobilize (November – December)		
2.7	Re-mobilise in the busway in the new year		
2.8	Mobilization to pier must be at night, as well as movement from the pier to the southern abutment		
2.9	Lift plans will be developed and provided to CPGU well before works begin.		
3.0	Commercial		
3.1	No secondary subcontractors to account for. Avo complete all their own internal design with an internal RPEQ.		
3.2	All terms from existing projects to be applied, notably Albert Street lot 3 being their latest		

Attachment 4: Non-financial comparison table

Quote Non-Financial Comparison Table

Project Name: Gabba Station		Tenderer: Heinrich Constructions Pty Ltd		Tenderer: Bosform Pty Ltd		Tenderer: Superform (QLD) Pty Limited		Tenderer: Zico Formwork Pty Ltd		Tenderer: Rocktown Pty Ltd		Tenderer: MGT Construction Pty Ltd																														
Package: Primary Underground Structure - Formwork		Tender Sum: ##		Tender Sum: ##		Tender Sum: ##		Tender Sum: ##		Tender Sum: ##		Tender Sum: ##																														
Legend: 1=Non-Compliant; 2=Bad; 3=Very Poor; 4=Poor; 5=Average; 6=Fair; 7=Acceptable; 8=Good; 9=Very Good; 10=Excellent		Last Three Package Ratings:		Last Three Package Ratings:		Last Three Package Ratings:		Last Three Package Ratings:		Last Three Package Ratings:		Last Three Package Ratings:																														
CRITERIA TO BE ASSESSED		PROJECT WEIGHT %	COMMENT	CR (1-10)	WT (1-10)	JP (1-10)	JP# (1-10)	AA (1-10)	COMMENT	CR (1-10)	WT (1-10)	JP (1-10)	JP# (1-10)	AA (1-10)	COMMENT	CR (1-10)	WT (1-10)	JP (1-10)	JP# (1-10)	AA (1-10)																						
Non-Cost Criteria		100%																																								
A Safety (Culture/Approach/Statistics)		20%	Very good safety culture with management and work front.(WT) Proposed system brings multiple safety benefits in relation to access, egress and storage. (CR) Generally positive and confident about prioritising safety on the Project. Raised safety benefits of proposed system. Proposed alternative waterproofing system due to potential safety concerns of welding the product. (JP)	8	9	8	8	na	Safety culture is generally ok but occasionally has been below standard due to lack of tier 1 experience.(WT) Proposed system brings multiple safety benefits in relation to access, egress and storage. (CR) Generally positive in relation to maintaining high levels of safety across all aspects of their works. Their system brings many safety benefits with it.	8	7	8	8	na	Previous management long working relationship with former Formwork company that did not have a good safety record. This is a concern that could be followed-(WT)	na	7	8	na	7	Rocktown have a lot of experience working for CPB in the past and understand the level of safety management that will be required on this project. Was positive when discussing managing safety on the project. This type of structure will be a challenge for Rocktown.(JP)	7	7	7	7	Approach to safety didn't come across in the interview/discussions to what we would expect and require (CR)	4	4	4	4	4											
B Previous Experience and Performance (Lessons Learnt)		20%	I have worked on major projects with Heinrich and have the capacity to manage. (WT) Seem to have good experience and capability. Arranged visits to other sites during tender phase and seemed well managed. Feedback from external industry sources was positive. (CR) I have not worked with Heinrich previously however industry contacts have indicated that they can be very good if managed well. Can also be commercial if not managed well. (JP)	8	9	9	8	na	I have worked with before and generally good, but some concerns on managing build.(WT) Seem to have good experience and capability from discussions. (CR) I have worked with Bosform on a previous project. I believe they are capable of completing this project safely and efficiently if we secure the right project team.(JP)	8	8	9	8	na	na	7	8	na	7	Clearly have good knowledge of formwork system, but limited to the DOKA system that they utilise. Uncertainty in responses given around maximum life etc that their system would give and little though given in relation to laydown and clearing with limited laydown discussed previously. (CR)	7	6	6	na	na	BOH Stage 2 Works well outside their normal risk profile. Works are more suited to a building contractor This type of structure is not within the normal portfolio of work that Rocktown would ordinarily undertake. (JP)	6	5	6	5	Had indicated that they have completed other "high rise" projects in Brisbane. Enquiries would be needed to be made in relation to performance.(JP) Don't appear to have	4	3	2	4	3						
C Resources/Capacity/Capability/Collaboration with other contractors		20%	Need to ensure they have capacity with their work book.(WT) Discussions seemed to suggest that resources would be coming available from Queens Wharf around the end of the year which would tie in with our requirements. (CR) Heinrich confirmed they have their best site supervisor available for this project (Mick).(JP)	9	9	10	8	na	Depends heavily on Albert St. They only have One A Team Discussed capacity and they believe they could do two stations, however would have concerns if they are also doing Albert St as this will be given priority over Gabba and could impact our programme. (CR)	8	7	8	7	an	na	8	8	na	8	Proposal for consortium with QR and Macks questionable. Attendees to post tender presentation/interview were introducing themselves to one another during the meeting. (CR)	5	6	6	na	na	Dependant on commitment to Tunnel works Limited personnel that would be capable of attempting this type of structure (JP)	5	5	5	5	When quizzed on number of resources required and calculation carried out to work out approx costs for formworkers the total labour element alone was almost double the overall price submitted for formwork. (CR) Resourcing assumptions came across as very light in comparison with other tenders. (JP)	2	3	1	3	3						
D Understanding of the Build/Scope/Requirements/ QA / Specifications/ technical conformanc		15%	Have had good early communication with build, possible sytem to be included to assist with safety and build time.(WT) Very proactive through tender period in relation to meetings, reviewing documents, proposals etc (CR) Thorough understanding of build requirements and site restrictions. Clear that they had read and understood the project documentation (JP)	9	9	9	9	na	Have had good early communication with build, Possible full system to be included.(WT) Came across very well in tender interview/discussions and had clearly looked in detail at requirements (CR) Very detailed understanding of the build requirements. (JP)	8	8	8	8	na	na	8	8	na	8	Some questions over level of detail and consideration given to access, laydown etc.	6	6	6	na	na	Familiar with the general requirements in building the structure however, had not considered some of the finer detil including the relevant challenges associated with the scale of this project i.e concrete pumping, pre-fabrication of steel cages, interation with pre TBM trades etc. (JP)	6	6	7	6	While it appeared as though some work had been completed commercially in relation to the scope, it was clear from discussions that MGT did not have a full grasp of the build requirements. In most cases works were excluded where they did not understand the requirement e.g. scaffolding, concrete pumping.	4	3	3	4	3						
E Methodology/ Innovation/technical understanding		15%	Possible system to be built and good understanding of complexity of build.(WT) Had worked through build in a lot of detail and could demonstrate and discuss planned approach confidently (CR) Innovative solution for formwork system. Good understanding of full FRP requirements and challenges. Proactive about further innovation where possible (JP)	10	9	9	9	na	Possible full system to be built, some concerns with this.(WT) Had worked through build in a lot of detail and could demonstrate and discuss planned approach confidently (CR) Presented model of the build and discussed in detail. Proposed innovations such as full deck system to reduce moving parts, time and create a safer site	9	8	10	8	na	na	7	8	na	1	Clearly know the DOKA system they are proposing to use but questions over understanding of the Gabba build and considerations given to the interfaces that were detailed in the scope and explained at the pre-tender presentation. (CR)	6	6	6	na	na	Did not offer any real innovations. Proposed "traditional" formwork system. (JP)	6	5	7	6	Concerns with proposed methods in some areas i.e. ladder access to be used for rump construction (CR) Did not offer any real innovations. Proposed "traditional" formwork system. Did not understand protection requirements to TBM Stage 3 Area. (JP)	4	3	3	3	3						
F Local Benefits/training and workforce Participation		2.5%	Large workforce are generally hired locally. No problem with committing to project training requirements. (JP)	8	9	9	8	na	Large workforce are generally hired locally. No problem with committing to project training requirements. (JP)	8	8	9	8	na	na	8	9	na	8	Discussed in-house training and apprenticeships and understood requirements. (CR)	7	6	6	na	na	Indicated that they are looking to secure local labour along with bring back internal labour that had been working in sydney for some	6	6	8	7	Indicated that they engage local labour.(JP)	6	5	5	8	8						
G Industrial relations		2.5%	Good understanding.(WT)	8	9	8	8	na	Good understanding.(WT)	8	8	8	8	na	na	7	8	na	7	Seem to have done most of work recently out of town with little interface (CR)	7	6	6	na	na	Very little experience working on "building" jobs typically "civil". IR may pose an issue if not managed well.	4	5	5	5		4	3	4	4	4						
H Sustainability and environmental management		2.5%	Heinrich indicated that they have recycle form ply and other recyclable products.	8	9	9	8	na		8	8	7	8	na	na	8	7	na	7		7	6	7	na	na		5	5	6	5	6	5	5	5	5							
I Integrity and ease of doing business		2.5%	Can be aggressive, but are focused on driving the build for best outcome, need to ensure boardering is clear with scope.(WT) Can only go off interactions and discussions through tender process and feedback from others. (CR)	7	8	7	7	na	Can only go off interactions and discussions through tender process and feedback from others. (CR) Previous dealings have been professional. Fair and reasonable approach to change management. (JP)	7	9	8	8	na	na	8	9	na	8		7	6	6	na	na	Previous dealings have been professional. Seem to be fair and reasonable.	6	7	8	7	MGT Project Manager is ex Thiess Commercial Manager (Sam Firth) I believe MGT will be very commercial in looking to generate further revenue through variations. This is evident in the wording used within their proposal.	6	5	2	4	4						
Sub Total		100%	Weighted Non-Cost Assessment %	86%	89%	89%	83%	0%	Weighted Non-Cost Assessment %	81%	76%	85%	78%	0%	Weighted Non-Cost Assessment %	0%	74%	86%	0%	65%	Weighted Non-Cost Assessment %	63%	60%	62%	0%	0%	Weighted Non-Cost Assessment %	0%	59%	56%	64%	58%	Weighted Non-Cost Assessment %	38%	34%	27%	38%	34%				
Aver. Rating:				70%					Aver. Rating:		64%					Aver. Rating:		44%					Aver. Rating:		37%					Aver. Rating:		47%					Aver. Rating:		34%			

Attachment 5: Tender addendum/variation

Russo, Paul

From: Russo, Paul
Sent: Friday, 30 July 2021 3:17 PM
To: Poustie, Aaron; Church, Rory
Subject: RE: Notification of Addendum to Tender - Updated pile diameter
Attachments: TSD-RFI-CBGU-001381-04-CRRTSD-410-0453-DRG-RBGT-1475-131736-01 (NOT PIC CERTIFIED).pdf

Aaron,

Attached is an updated drawing of the piles which includes an exclusion zone for the piling rig.

Can we have Avo confirm that they can install the piles with this exclusion zone in place.

Regards

Paul Russo
Project Engineer



91 Leopard Street, Woolloongabba, QLD 4102, Australia
T +0417 247 069 M 0417 247 069

E Paul.Russo@cbgujv.com.au

From: Poustie, Aaron <Aaron.Poustie@cbgujv.com.au>
Sent: Friday, 30 July 2021 9:00 AM
To: Russo, Paul <Paul.Russo@cbgujv.com.au>; Church, Rory <Rory.Church@cbgujv.com.au>
Subject: FW: Notification of Addendum to Tender - Updated pile diameter

FYI below gents.

Regards

Aaron Poustie
Contracts Administrator



Corner Leopard Street and Vulture Street, Woolloongabba, QLD 4102, Australia
T +0438 508 387 M 0438 508 387
E Aaron.Poustie@cbgujv.com.au

Attachment 5: Tender addendum/variation

From: Vick Zhong <Vick.Zhong@avopiling.com.au>
Sent: Friday, 30 July 2021 8:48 AM
To: Poustie, Aaron <Aaron.Poustie@cbgujv.com.au>
Cc: Jeff Lewis <Jeff.Lewis@avopiling.com.au>; Russo, Paul <Paul.Russo@cbgujv.com.au>
Subject: RE: Notification of Addendum to Tender - Updated pile diameter

CAUTION: This email originated from outside of the Organisation.

Thanks Aaron.

The bearing pressure underneath the piling rig track would be in order of 320 kPa for the worst case (extracting liners).

Kind Regards

Vick Zhong | AVOPILING (QLD) PTY LTD | Estimator | Phone +61 7 3897 1013 | Fax +61 7 3883 4010 | Address: 4, Commerce Court, Clontarf QLD 4019 | Email: vick.zhong@avopiling.com.au | Web: www.avopiling.com.au



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From: Poustie, Aaron <Aaron.Poustie@cbgujv.com.au>
Sent: Thursday, 29 July 2021 3:40 PM
To: Vick Zhong <Vick.Zhong@avopiling.com.au>
Cc: Jeff Lewis <Jeff.Lewis@avopiling.com.au>; Russo, Paul <Paul.Russo@cbgujv.com.au>
Subject: RE: Notification of Addendum to Tender - Updated pile diameter

Hi Vick,

The distance between Grid P12 & capping beam = 0.7m.

Therefore distance set back from capping beam = 0.7m + 1.304m + 1.4m = 3.404m

Can you please confirm bearing pressure underneath the piling rig tracks. We will get RBG to confirm this pressure is ok with a setback distance of 3.404m.

Any questions please contact Paul Russo (cc'd) or myself.

Attachment 5: Tender addendum/variation

Regards

Aaron Poustie

Contracts Administrator



Corner Leopard Street and Vulture Street, Woolloongabba, QLD 4102, Australia

T +0438 508 387 M 0438 508 387

E Aaron.Poustie@cbgujv.com.au

From: Vick Zhong <Vick.Zhong@avopiling.com.au>

Sent: Tuesday, 27 July 2021 3:11 PM

To: Poustie, Aaron <Aaron.Poustie@cbgujv.com.au>

Cc: Jeff Lewis <Jeff.Lewis@avopiling.com.au>

Subject: RE: Notification of Addendum to Tender - Updated pile diameter

CAUTION: This email originated from outside of the Organisation.

Hi Aaron,

Is the restriction still applied for piling rig that it cannot come within 5m of capping beam?

Please see attached sketch. We can do a pile where its centre line is no greater than 1.4m ahead of the track of the rig.

Can you clarify what is the distance from Grid P12 to the edge of capping beam?

Kind Regards

Vick Zhong | AVOPILING (QLD) PTY LTD | Estimator | Phone +61 7 3897 1013 | Fax +61 7 3883 4010 | Address: 4, Commerce Court, Clontarf QLD 4019 | Email: vick.zhong@avopiling.com.au | Web: www.avopiling.com.au



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Attachment 5: Tender addendum/variation

From: Aaron Poustie via InEight Document <system@teambinder.com>

Sent: Tuesday, 27 July 2021 8:47 AM

To: Jeff Lewis <Jeff.Lewis@avopiling.com.au>

Subject: Notification of Addendum to Tender - Updated pile diameter



Notification of Addendum to Tender

Notification of: Addendum 1
Package Title: Woolloongabba Station - Back of House Piles
Project Title: Cross River Rail - Tunnels & Stations Development - Delivery Project

Scheduled Tender Closing Date: 25 June 2021

Scheduled Tender Closing Time: 05:00 PM +10:00

[Click here to acknowledge the package](#)

Notification Number: N-10990905
Project Number: TSD
Package ID: Q80379-WG-WC-20336
Date Sent: 27 July 2021
Subject: Notification of Addendum to Tender - Updated pile diameter

Message:

Good morning,

Please see attached addendum detailing updated design drawing.

Please note that the 1 x 900mm pile in the back of house area (P4) has been amended to be 750mm like the others. Disregard the diameter in the insitu bored pile schedule on the drawing still stating 900mm - this is incorrect and will be amended.

Can you please populate the revised pricing schedule showing revised quantities by COB Friday 30/07/2021.

Any questions please contact me.

Attachment 6: Rocktown final account reconciliation

Woolloongabba Station

Stage 1 PreTBM Works - Underground Primary Structure Works

Q80379-WG-WC-20306 Overall account reconciliation

Summary:			
	RFA	Forecast	Target final account
Cost code 22110			
Contract sum	3,440,410.00	3,440,410.00	3,440,410.00
Growth allowance approved in RFA	316,684.23	300,107.36	243,683.18
Nightworks acceleration	-	287,057.50	277,175.25
26 January 2021 B8 suspended slab bonus	-	200,000.00	200,000.00
Cost code 22111			
Works complete for cost code 22111	-	93,995.25	93,995.25
TOTAL	3,757,094.23	4,321,570.11	4,255,263.68

Detail:

	Original contract value				Growth allowance	Stage 2 works (cc22111)	Nightworks Acceration	26 January suspended slab bonus
Contract value:	3,440,410.00							
Contract directions:			316,684.23					
CD#1 - VAR-01 B3 blinding layer	Approved			- 313,759.23	2,925.00			
CD#2 - B8 Dental concrete	Printed			- 288,308.08	25,451.15			
CD#3 - Acceleration direction	Printed						277,175.25	
CD#4 Design update - associated issues					14,062.00			
CD#5 - B9 Dental concrete	Printed			- 259,639.08	28,669.00			
CD#6 - Cavidrain, protection slab & blinding	Printed					93,995.25		
CD#7 - Heinrich Pig Tails	Printed			- 256,435.08	3,204.00			
CD#8 - Propping TBM conveyor table					5,000.00			
CD#9 - B9 Internal and External Walls - Onsite assembly area	Printed				8,756.38			
CD#10 - Installation of Penetrations					3,560.00			
CD#11 - Propping of W29					9,966.00			
Other change:								
W29					227,595.72			
SW3					68,941.00			
Slab thickness reduction in qty				-	55,524.00			
Other works not complete				-	42,500.00			
January 26 2021 B8 suspended slab completion bonus	Printed							200,000.00
TOTAL	3,440,410.00				300,106.25	93,995.25	277,175.25	200,000.00

Reference #	Description	Forecast	Recommendation / approval
	Variations forming part of original growth allowance from RFA (\$316,684.23)		
VAR-03	CD#2 - B8 Dental concrete	25,451.15	25,451.15
VAR-04	CD#5 - B9 Dental concrete	28,669.00	28,669.00
VAR-05	CD#7 - Heinrich Pig Tails	3,204.00	3,204.00
VAR-06	CD#9 - B9 Internal and External Walls - Onsite assembly area	8,756.38	8,406.00

Reference #	Description	Cost code: 22110	Cost code: 22111	Recommendation / approval
	Forecast introduced for acceleration measures:			
VAR-02	CD#3 - Acceleration direction (nightshift)	287,057.50		277,175.25
VAR-11	January 26 2021 B8 suspended slab completion bonus	200,000.00		200,000.00
	Forecast works in stage 2, but complete in stage 1			
VAR-10	CD#06 - Stage 2 works complete in stage 1		93,995.00	93,995.00
TOTAL		487,057.50	93,995.00	571,170.25

Attachment 7: Rocktown final punch list/lessons learnt

From: Russo, Paul
Sent: Tuesday, 13 April 2021 2:21 PM
To: Joseph Barker
Cc: John McCaughey; Purcell, Joel; Tresider, Warren; Ivory, Aaron; Eustace, David; Wiese, Mark
Subject: FW: Rocktown Close-Out Items
Attachments: 210413 Rocktown Punch List.xlsx; RT Punch List.zip

Hi Joe,

Following an on-site inspection today, we have added 3 items to the punch list which need to be closed out as soon as possible to prevent delays to Heinrich constructing the internal walls behind W29.

7) There is insufficient cover to the top 4 couplers on W18. RT are to propose an appropriate remedial action for input into NCR. It also appears that in several locations the couplers have moved during the pour which may pose a congestion issue for the next steelfixer.

8) We have found numerous couplers which are exposed to have significant ingress of slurry/concrete, some without any caps at all. CBGU have been rectifying localised locations of these however RT need to expose all remaining couplers for the B9 internal walls (on W29 and on the B9 slab floor) to clean out the threads as required. There are numerous instances where the concrete needs to be scabbled back further to identify the location of the coupler

9) Missing couplers in B8 suspended slab to internal walls. We are confirming the rectification procedure in this instance and will advise asap. The internal wall elevations shows the bar extending from the internal walls into the B8 suspended slab, in addition to typical slab-to-wall and wall-to-wall details on drawings CRRTSD-410-0450-DRG-RBGT-1470-134051 and -134052. Acknowledged that this has been missed from all parties – Mesh & Bar, schedule review, steel delivery and at numerous quality inspections however this does not preclude the requirement for reinforcement in this area.

Can you please advise when RT will have workers in this week to rectify the above?

Give me a call if there's any queries.

Regards

Paul Russo

Project Engineer



91 Leopard Street, Woolloongabba, QLD 4102, Australia
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E Paul.Russo@cbgujv.com.au

From: Russo, Paul
Sent: Monday, 12 April 2021 1:49 PM
To: Joseph Barker <Joseph.Barker@rocktown.net.au>
Cc: Kissane, Annabelle <Annabelle.Kissane@cbgujv.com.au>; Ivory, Aaron <Aaron.Ivory@cbgujv.com.au>; Wiese, Mark <Mark.Wiese@cbgujv.com.au>
Subject: FW: Rocktown Close-Out Items

Attachment 7: Rocktown final punch list/lessons learnt

Hi Joe,

Could you please provide an update on the attached punch list items?

Regards

Paul Russo

Project Engineer



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E Paul.Russo@cbgujv.com.au

From: Kissane, Annabelle <Annabelle.Kissane@cbgujv.com.au>

Sent: Monday, 12 April 2021 7:24 AM

To: Russo, Paul <Paul.Russo@cbgujv.com.au>

Subject: FW: Rocktown Close-Out Items

FYI

From: Kissane, Annabelle

Sent: Monday, 22 March 2021 4:08 PM

To: Joseph Barker <Joseph.Barker@rocktown.net.au>

Cc: John McCaughey <John.McCaughey@rocktown.net.au>; danny mcgrath <danny.mcgrath@rocktown.net.au>; Wiese, Mark <Mark.Wiese@cbgujv.com.au>; Clarke, Sophie <Sophie.Clarke@cbgujv.com.au>; Rykiert, Patrick <Patrick.Rykiert@cbgujv.com.au>; Purcell, Joel <Joel.Purcell@cbgujv.com.au>; Pettet, Phillip <Phillip.Pettet@cbgujv.com.au>; Eustace, David <David.Eustace@cbgujv.com.au>; Ivory, Aaron <Aaron.Ivory@cbgujv.com.au>

Subject: RE: Rocktown Close-Out Items

Hi Joe,

Please see attached punch list for stage 1 rectifications, noting, there is some outstanding ECR reports on there. Could Rocktown please work through these items, attached close out photos and update the status in the spreadsheet?

Thanks,
Annabelle

From: Joseph Barker <Joseph.Barker@rocktown.net.au>

Sent: Monday, 22 March 2021 8:08 AM

To: Kissane, Annabelle <Annabelle.Kissane@cbgujv.com.au>

Cc: John McCaughey <John.McCaughey@rocktown.net.au>; danny mcgrath <danny.mcgrath@rocktown.net.au>; Wiese, Mark <Mark.Wiese@cbgujv.com.au>; Clarke, Sophie <Sophie.Clarke@cbgujv.com.au>

Subject: Rocktown Close-Out Items

CAUTION: This email originated from outside of the Organisation.

Attachment 7: Rocktown final punch list/lessons learnt

Hi Annabelle,

As discussed last Friday, can you please send through a list of items to be rectified and closed out by Rocktown at Woolloongabba Station. Danny will arrange for a crew to attend site early this week.

Thanks.

Joseph Barker

Project Engineer

Rocktown Pty Ltd

311 Earnshaw Rd, Northgate, 4013

Ph. 0419 688 503

joseph.barker@rocktown.net.au

