

Practical Activity 1:

Answer:

1. Scope of construction project shown in the plans.

This project is to build up a two storey new residential house at Lot 8 Rees Court, Palm Beach Qld 4221 as per attached plans & specifications dated on 3 September 2013 for the construction period of 18 weeks (5 working days per week) from 10/01/2022 to 20/05/2022 (excluding public holiday and weekends)

2. List of all known materials

- 1) Mud and Clay
- 2) Clay Bricks and Blocks Types of Building Materials
- 3) Sand
- 4) Aggregates
- 5) Stone or Rock
- 6) Thatch
- 7) Wood and Timber
- 8) Fired Brick and Clay Blocks
- 9) Cement
- 10) Fabric
- 11) Foam
- 12) Glass
- 13) Gypcrete
- 14) Metal and Steel
- 15) Plastic
- 16) Rebar

3. Construction aspects to make up the construction program:

- 1) Staking Lot Lines
- 2) Lot Clearing
- 3) Excavation
- 4) Temporary Power
- 5) Layout
- 6) Foundation and Concrete Pour
- 7) Plumbing Rough-In
- 8) Pool
- 9) Slab on Grade
- 10) Frame Walls
- 11) Roof Trusses
- 12) Structural Plywood Sheathing

- 13) Roof Vents
- 14) Roofing Underlayment
- 15) Roofing-Tile
- 16) Windows
- 17) HVAC Rough-In
- 18) Electrical Rough-In
- 19) Cable and Data Lines
- 20) Insulation
- 21) Drywall
- 22) Connect Utilities
- 23) Exterior Masonry and Siding
- 24) Exterior and Interior Paint
- 25) Doors and Millwork
- 26) Cabinets - Kitchen and Bath
- 27) Counter Tops
- 28) Finish Lighting/Electric
- 29) Finish Plumbing
- 30) Flooring
- 31) Finish HVAC
- 32) Mirrors
- 33) Door Hardware
- 34) Grading, Irrigation and Drainage
- 35) Appliance Installation
- 36) Gutters
- 37) Decks, Patio and landscaping
- 38) Driveway and Sidewalks
- 39) Fencing
- 40) Final Walk-Through and Touch-Ups
- 41) Final Construction Cleanup

4. Steps to applying for electrical supply:

1. Get started

The best place to start is to talk to an electrical contractor, who'll be completing the work needed at your place. Your electrical contractor can provide technical information about your proposed new connection and can also submit your connection application on your behalf.

Specific [information is needed in your connection application](#). If you have any questions about this or need more information before applying, you can **make an enquiry** via [Customer Self Service](#). You'll receive a confirmation email advising your reference number and we'll assess/respond to your enquiry **within 20 business days**.

CONNECTION APPLICATIONS - ENQUIRE NOW



2. Submit your connection application

To get power connected, you need to submit an application and accept our offer to start your new connection contract with us.

As technical information is required, some electrical contractors may offer to apply for you via our [Electrical Partners Portal](#). Otherwise you, or someone on your behalf, can apply via [Customer Self Service](#).

There's an option to fast-track (or expedite) your application in some cases – read more in Step 3.

CONNECTION APPLICATION - APPLY NOW



| Check the progress of your connection application in [Track Service Orders](#).

When we receive your application, we'll check if the connection service you want is [basic](#) or [negotiated](#) and if suitable power supply from our network is available to your place.

Please note: The person who applies is usually the person we contact during the connection process.

3. Accept our connection offer

Whoever submits your application will also need to accept our connection offer.

We want to help you get connected quickly and easily to meet your energy needs. Most of our customers only need a basic connection service.

Basic connection

If your connection service type is basic, it can be fast-tracked when submitting the online application. Just tick the [Expedite Application](#) box and your connection contract will automatically be created on the terms of our [model standing offer](#).

If your application is not expedited, we'll make a basic connection offer within **10 business days** (or other date agreed with you). You will have **45 business days** to accept our offer. Your connection contract starts when the offer is accepted.

If you want to negotiate the terms of your connection contract, you can choose to do this through a negotiated connection.

Negotiated connection

If your connection service type is not basic, or you want to negotiate the terms of your connection contract, then it's classed as negotiated. Choosing to negotiate will incur **additional costs**.

We'll contact the person who applied to discuss the terms of your connection contract. Any additional costs may need to be accepted at this time. We'll aim to make a negotiated connection offer within **65 business days** of your application. You'll have **20 business days** to accept the offer. Your connection contract starts when the offer is accepted.

Read more about connection service types, offers and contracts under [FAQs and further reading](#) below.

4. Choose your electricity retailer

You'll need to tell your electrical contractor who you choose as your electricity retailer. Your electrical contractor will complete an Electrical Work Request (EWR) to provide us with this and other information about your connection.

The EWR will also notify your electricity retailer of your new connection request. Your electricity retailer will then contact you to set up an account.

Your account needs to be set up and any [upfront metering charges](#) accepted before we can connect you. Once this is done, your electricity retailer will send us a service order requesting us to connect you.

Your retailer will also send a service order to their nominated metering provider to arrange installation of your new meter. For more information on meters please speak with your retailer or visit our [Power of Choice webpage](#).

5. We connect you

Your electricity retailer will advise you when we'll visit your premises to connect it to our network. We must do this within set [timeframes](#) (unless we have to change our network to connect you).

A metering provider will also need to visit your premises to install your meters. They'll usually do this after our visit as your meters cannot be installed until electricity supply is available. The metering provider will turn the power on to your premises before they leave.

Please note: We'll need access to the connection point and your meter box during our visit.

For an easy print summary of this connection process, check out our [Connect to the network checklist](#) (PDF 206.5 kb).

How long will it take?

For your new connection contract

To establish your connection contract, we'll make a connection offer within the following timeframes.

Basic connection offer (expedited)	If you 'fast-tracked' (or expedited) your connection application, your connection contract will start when you application is submitted.
Basic connection offer (non-expedited)	If you didn't 'fast-track' (or expedite) your connection application, we'll make a connection offer within 10 business days . You'll have 45 business days to accept it.
Negotiated connection offer	We'll make contact within 10 business days to advise that we'll be giving you a negotiated connection offer. We'll provide this offer within 65 business days . You'll have 20 business days to accept it.

Note: If you request information by post, it may take longer for you to receive your offer.

For your new connection

To get you connected, we need an EWR from your electrical contractor and a service order from your electricity retailer.

Once received, we will visit your premises within **5 business days** to complete your connection (unless we have to change our network to connect you).

| Check the progress of your connection application in [Track Service Orders](#).

A metering provider will also need to visit your premises to install your electricity meter. They'll usually do this either at the same time or after our visit. Your electricity retailer will advise the timeframe for your connection, including installation of the meter.

Timeframes depend on network availability, access and traffic control requirements, or any other impacts that are outside of our control.

5. Steps to apply for water & waste connection.

Connecting to the City's water & sewerage network

Home / Services / Water & sewerage / Water & sewerage connections / Connecting to the City's water & sewerage network

[LISTEN](#)  

Connecting to the City's water and sewerage network involves a risk-based approach. Connections can be either standard or non-standard connections. The [Standard Works Category table](#) can help define the type of connection you need. There are different application processes and supporting documents required for each type.

The [Water and Sewerage Connections Policy](#) outlines a detailed process for water and sewerage connections in our network and also maps the processes required at each step.

Standard connections

Only accredited contractors can undertake standard connections. To view the City's standard connection accredited contractor list, register with the Contractors Portal:

[FIND AN ACCREDITED CONTRACTOR](#)

You can also download the  [accredited contractor list \(PDF, 35KB\)](#) [▶](#) [LISTEN](#).

For further information including how to become an accredited contractor refer to [Standard connection accredited contractors](#).

Standard connections are defined in the below Standard Works Category table, which replaces the  [Risk Category table \(PDF, 54KB\)](#) [▶](#) [LISTEN](#)

Related information



[Site safety inductions](#)

[Water & sewerage design & construction resources](#)

Standard Works Category table

STANDARD WORKS CATEGORY

WATER STANDARD CONNECTION	SEWERAGE STANDARD CONNECTION
The connection or alteration does not require an extension or upgrade to City network infrastructure.	The connection or alteration does not require an extension or upgrade to City network infrastructure.
The connection, alteration, or disconnection is to water mains < 300mm (ID) and ≤ 3m in depth.	The connection, alteration, or disconnection is to mains < 300mm (ID) and ≤ 3m in depth.
The connection, alteration, or disconnection does not require open cut excavation of the road pavement.	The connection, alteration, or disconnection does not require excavation of the road pavement.
The connection, alteration, or disconnection complies with the SEQ Design and Construction Code and does not require RPEQ certification.	The connection, alteration, or disconnection complies with the SEQ Design and Construction Code and does not require RPEQ certification.
Water meter installation, alterations, or disconnection ≤ 40 mm.	Adjusting the height of the neck for a maintenance hole in accordance with the SEQ Design and Construction Code.
Works do not include installation, removal, or relocation of a valve, or relocation or removal of an existing hydrant.	X type maintenance hole connections (internal drop).

Non-standard connections

Any connection works that do not fall under the 'Standard' connection category are classed as non-standard.

All non-standard connections will require [Operational Works](#) approval prior to a Non-standard application to work on the City's infrastructure being submitted.

How to apply

Online

By email

1

Determine whether connection is standard or non-standard

Standard connections can only be lodged by an [accredited contractor](#).

2

Complete and submit our online form

STANDARD CONNECTION

NON-STANDARD CONNECTION

6. List of potential Delay to achieving completion of the project

- 1) weather,
- 2) equipment failures,
- 3) labor shortages,
- 4) missing or incorrect data,
- 5) project mistakes and conflicts

7. Solution of the above delay

- 1) **Weather-Solution:** should be estimated before the project starts and advise the client the number of days will be delay due to the inclement weather.
- 2) **equipment failures-Solution:** When procurement team issues the executed contract with equipment hire company, the clause in the executed contract should be added in regarding the potential equipment failure. For example, the part who will take the responsibility and cover the costs, etc.. and steps to replace alternative equipment to ensure the project will not be impacted on