

Address an relevant correspondence t

Ausgrid Contestability Section PO Box 3744 Tuggerah NSW 2259

E: Contestability@ausgrid.com.au F: 02 43510377

6 October 2015

Poles and Underground Attention: Braj Dubey Po Box 6086 Silverwater NSW 2128

Email: brajd@pu.com.au

Project Number: SC06987

Dear Braj

Electricity Network Connection Application at: 392 Galston Road Galston For A New Kiosk Substation

Expedited Contract for ASP/1 Connections

Ausgrid has certified the electrical design plan(s) SC06987 amendment 0 submitted by your Level 3 Accredited Service Provider (ASP/3). The certification number for this design is 818379/20151006. Please contact the ASP/3 to obtain the certified design plan(s) and supporting documentation, which can then be used to obtain quotations from Level 1 Accredited Service Providers (ASP/1) to carry out the works depicted in the design.

Ausgrid is pleased to inform you that it has approved your application for connection services in respect of the premises referred to in the **attached** connection application. The services that Ausgrid will provide are standard connection services.

Ausgrid provides connection services for connections of the kind required for this connection in accordance with Ausgrid's standard form connection contract known as *Contract for ASP/1 connections*. You indicated in your connection application that you wish the connection contract to be expedited and you consider that Ausgrid's *model standing offer to provide standard connection services for ASP/1 contestable connections* model standing offer is acceptable. At that time, your connection application was incomplete because it was not possible to fill in the mandatory field for the certified design number. Ausgrid has now certified the design and is prepared to regard the certification date as the date your completed connection application was made.

Therefore, in accordance with the provisions of Chapter 5A of the *National Electricity Rules*, the *Contract for Connection Services for Contestable ASP/1 Connections* commenced on the date the design was certified. If you have applied for connection on behalf of another person who requires the premises to be connected to Ausgrid's distribution system, you have entered into the contract as that person's agent. Ausgrid and the relevant retail customer at the premises or the real estate developer who is developing the premises are the parties to that contract.

The *Contract for Connection Services for Contestable ASP/1 Connections* relates to the services Ausgrid performs during the construction or installation of any electricity works that must be provided before the premises can be connected to Ausgrid's network. Those electricity works are identified in the **certified design** and they will become part of Ausgrid's distribution system when they are electrified. The work of constructing or installing the assets shown in the certified design will be done by an Accredited Service Provider Level 1 (ASP/1). Further

details of the contractual relations between Ausgrid, the person who requires the connection, the ASP/1 and you as connection applicant are set out in the Contract Terms.

The Contract Terms require the retail customer or real estate developer to comply with the requirements set out in the **schedule to the certified design**, which is attached to the **certified design** and is an annexure to the contract. By applying for an expedited connection on the terms of the model standing offer that relates to the Contract for ASP/1 connections, you have bound the retail customer or real estate developer to comply with those requirements if they proceed with the project to which the **certified design** relates.

If the retail customer or real estate developer is not willing to make a connection on the terms set out in the schedule to the certified design, they may negotiate a connection offer in accordance with Ausgrid's Connection Negotiation Process, which may be seen on our web site. If this is the case, you or the retail customer or real estate developer should contact the Project Officer referred to in the next paragraph.

Ausgrid has appointed a Project Officer to facilitate the services Ausgrid is to provide under the contract. If you have any queries about the connection contract or the project to connect the premises to our network, please contact our Project Officer whose details are below.

Please let us know if you wish us to send you a copy of the connection offer and connection contract and if so, whether we should send it by email or mail.

Property Rights

The contract clauses 4 and 5 contain important information requirements relating to property rights, including the timing of property deeds and leases/easements. Please ensure you are aware of the timing and requirements regarding property rights and allow enough time in your schedule to satisfactorily address these requirements.

What to Do Next

- Contact the ASP/3 designer to obtain the certified design plan(s) and supporting documentation.
- Engage an ASP/1 and advise Ausgrid of their details.
- Pay the fees and charges detailed on the invoice that will be forwarded to you.
- In conjunction with your ASP/1, prepare and forward the table of critical dates to Ausgrid for acceptance
- Commence preparation of any required Deed of Agreement, instrument of lease/easement and other property rights required in accordance with contract clauses 4 and 5.

Should you require any further information please contact me on the phone number or email address detailed below.

Yours sincerely,

Nelson Sidhom Contestability Project Coordinator Ausgrid

Direct Telephone Number: 02 4399 8127 Email: nsidhom@ausgrid.com.au Facsimile: 02 43510377

Encl: Connection Application

Schedule to the Certified Design Contract terms – via website at <u>http://www.ausgrid.com.au/Common/Customer-Services/Business-and-</u> <u>commercial/Connecting-to-the-network/Connection-services-and-offers/Standard-connection-services-</u> contestable-ASP1-premises-connections.aspx#

	SCHEDU		Z IFIED DESIGN PROJECT NUMBE	3 R: SC06987	
	1. CONNECTION CUSTOMER		Vigor Master Pty Ltd		- GENERAL NOTES
	2. PREMISES ADDRESS		392 Galston Road, Galston		WITH AUSGRID'S NETWORK STANDARDS. REFE
	3. THE CONNECTION				2. ALL SERVICE WORK TO BE DONE IN ACCORDAN
A	Maximum capacity of the connection: (i.e. maximum permitted current		580 Amps		THE N.S.W. SERVICE AND INSTALLATION RULES
	draw) Point of common coupling:		Substation S.65844 Distributor 3	 ALL TRENCHING, PITS, CABLES & CONDUTTS AR & PHOTOGRAPHED (INSPECTED BY COMPLIANC BACKFILLING). REFER TO CLAUSE 12 OF ES10 F REQUIREMENT. 	
	Connection point (i.e. point of supply):		Substation S.65844 Distributor 3	4. CONSTRUCTOR IS TO ENSURE THAT ALL CABLE INSTALLED RELATIVE TO FINAL LEVELS.	
	4 LEASES AND EASEMENTS REQU		• The leases and easements as shown in the	a certified design	5. DO NOT PLACE ANY RELIANCE ON ANY QUANTI IN THIS DRAWING. QUANTITIES AND DIMENSION
	5. PREMISES CONNECTION ASSETS	8			ARE BASED ON DESIGN INFORMATION AND SIT OF DESIGN. AS QUANTITIES AND DIMENSIONS
	(a) Funded by the connection	All work depicted	d in the certified design that are not included	in 5(b) or 5(d) below	DIMENSIONS ON THE SITE PRIOR TO TENDERIN
В	(b) Funded by Ausgrid undertaken by	Low V	oltage Interconnector from S.65884 to pole I	DU-43131	 CONSTRUCTION. 6. THE PREPARATION OF THIS DESIGN, HAS BEEN CONSIDERATION TO THE EXISTING SERVICES.
	(c) Ausgrid's payment to your ASP/1 if it undertakes works in 5(b):(incl		\$6,866.00	IS, HOWEVER, WHOLLY RESPONSIBLE FOR VER OF EXISTING SERVICES AND PERMANENT SURV CONSTRUCTION COMMENCES, AND NO RESPO BE ACCEPTED BY THE DESIGNER OF THIS PROV	
	GST) (d) Funded by Ausgrid undertaken		N/A		EXISTING SERVICES AS A RESULT OF THIS DES 7. HAND EXCAVATION IS TO BE USED IN THE VICIN
					8. ALL CONDUITS ARE TO BE IN ACCORDANCE TO
	6. AUSGRID'S CONNECTION RELAT ANCILLARY SERVICES (incl GST)	ED The fees quoted below a additional cha	are Ausgrid's estimates of the expected charges. If additional services or ov arges are applicable in accordance with the connection contract.	ertime rates are required	WITH THIS DESIGN.
	Standard Offer - ASP1 Connection:	\$0.00	Access Permit:	\$2,074.69	10. CONSUMER MAINS LENGTH TO BE IN ACCORDA
C	Contestable Process Facilitation:	\$0.00	Clearance to Work:	\$0.00	SEARCHES AND AUSGRID UNDERGROUND MAP
	Property Services:	\$0.00	Inspection: (ASP/1 Grade A):	\$4,475.64	12. HV MAINS TO HAVE MIN 600mm COVER IN FOOT ROADWAY. LV MAINS TO HAVE MIN 500mm COV
	Customer Interface Coordination:	\$0.00	Inspection: (ASP/1 Grade B):	\$4,476.64	COVER IN ROADWAY.
	Administration:	\$0.00	Substation Commissioning:	\$4,477.64	13. TELSTRA AND OPTUS TO BE NOTIFIED OF PROF CONSTRUCTION:
	Reinspection:*	\$162.75	Supply temporary connections:	\$0.00	CONTACTS: TELSTRA: f0204107@team.telstra.com (EMAIL
	* If this service is required, the ASP/1 v	vill be charged at			OPTUS: dartnsw@optus.com.au (EMAIL)
	this rate on each occasion.	SERVICES AND WO			
	Timeframes for connection will be deve	eloped by your ASP/1	and accepted by Ausgrid in accordance with	clause 9.3 of the	SUBSTATION NAME: GALSTON MID DURAL
	connection contract. A Table of Critical	Dates will be annexe	d to the connection contract.		SUBSTATION NUMBER: 65844 ADDRESS: 392 GALSTON ROAD G
	8. PIONEER SCHEME	N1/A	Common common to data of cohomo	NI/A	SUBSTATION TYPE: L TYPE SIZE (kVA): 400kVA
	Loes a Pioneer Scheme apply ?	N/A	If no, connecting customer is scheme	N/A	VECTOR GROUP: Dyn1
	customer ?		member number:	N/A	HV SWITCHGEAR: SCNEIDER ELECTRIC F
	New scheme applies to:	N/A	Connection Customer req'd contribution:	N/A	HV FUSE DETAILS: 50amp SIBA 300.20.93
	9. DEED OF GUARANTEE OF REVER	NUE	nection assets constructed by or on	Ν/Δ	LOW VOLTAGE BOARD: 400/400/800 CCT1 LV EUSE SIZE (Amps): 400amp 92mm CENTRE
	behalf of Ausgrid in accordance with cla	auses 6?			CCT2 LV FUSE SIZE (Amps): 630amp 92mm CENTRE
	Amount of security required:	N/A	Security must be provided in the form of a Australian bank.	bank guarantee by an	CONFIGURE AS Dyn11: YES
	DESIGN NOTES				SUBSTATION PIERING: PIERING AS PER NS14
E	1. CLAIMS FOR VARIATIONS TO TH	EXCAVATION, WILL	EASEMENT PLAN DETAIL: SEE SHEET No. 4 of 4		
	2. THE ASP1 IS RESPONSIBLE FOR	RIFIED ON SITE BY R UNDERTAKING SA	AUSGRID WHILE THE WORKS ARE IN PR	LOCAL CUSTOMERS	ASP LEVEL 2 WORK
	WHO MAY POTENTIALLY BE AFI SERVICE MAINS.	ALL LEVEL 2 ASP WORK DEPICTED ON THIS DRAWIN			
	3. THE ASP/1 MUST MINIMISE THE	CERTIFIED DESIGN.			
	DAYS NOTICE MUST BE PROVIE TO THE ELECTRICITY SUPPLY.				
		ES.			S 65844
	INTERRUPTIONS WHERE THE P DURATION WILL BE LESS THAN	GALSTON MID DURAL			
		TO: S61993 - TO: S4736			
	5. THE ASP/1 IS TO MAINTAIN ADE NECESSARY, THE ASP/1 IS TO A UNTIL PERMANENT LIGHTING IS	GLEN GLADE (E) S GALSTON AUX No.1			
	6. THE ASP/1 IS TO CO-ORDINATE				
	7. THE ASP1 IS REQUIRED TO COI	MPLY WITH THE CO	RRECT PROCEDURE(S) FOR WORKING V	VITH AND/OR NEAR	400kVA
	8. THE FOLLOWING AUSGRID ASS	ETS ARE REGISTER	RED AS CONTAINING ASBESTOS PRODUC	15).	
	- ALL EXISTING CONDUITS NOM CONDUITS NOMINATED AS "FC"	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array} \end{array} \\ \begin{array}{c} \underline{400} \end{array} \end{array} \end{array} \end{array} \\ \begin{array}{c} \begin{array}{c} \\ \underline{400} \end{array} \end{array} \end{array} \\ \begin{array}{c} \begin{array}{c} \\ \underline{400} \end{array} \end{array} \end{array} \\ \begin{array}{c} \begin{array}{c} \\ \end{array} \\ \begin{array}{c} \\ \underline{800} \end{array} \\ \begin{array}{c} \underline{800} \end{array} \end{array}$			
	9. FOR IDENTIFICATION AND JOIN				
	AND IN JOINT BAYS DURING CA DESIGN.	1 2 3			
G		LV DISTRIBUTOR DETAILS			
	WARNING	1 GALSTON ROAD & PT1135 (0/400)			
	THIS DESIGN CANNOT BE USED LOCATION OF ALL EXISTING SE	FOR CONSTRUCTI RVICES IS VERIFIE	2 WDNO (0/400)		
	THE INFORMATION PROVIDED I AND THE MOST CURRENT INFO	N THIS DESIGN MUS RMATION ON THE C	ST BE CHECKED ON SITE		3 392 GALSTON ROAD SUPPLY (630/800)
	SERVICES, INCLUDING AUSGRII IMMEDIATLEY BEFORE CONSTR	D'S NETWORK, MUS	T BE VERIFIED ES BY CONTACTING		PROPOSED KIOSK S65844
	 DIAL-BEFORE-YOU-DIG BY TELE DIAL-BEFORE-YOU-DIG INFORM 	PHONE ON 1100 OF ATION MUST NOT E	R AT www.1100.com.au. BE OLDER THAN 20		SCHEMATIC DIAGRAM
	BUSINESS DAYS AT THE TIME C	F CONSTRUCTION.			
				Pole	PROPOSED EXISTING PROPOSED EXIST
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				Pillar Stai LV Pillar	
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	L 20130919 1		2	3 STREETLIGH	



	REF. IDENTIFIER	ROUTE DISTANCE (m)	CIRCUIT VOLTAGE	CONDUCTOR OR ASSET DETAIL	CABLE CODE	MIN. INTERNAL BENDING RADIUS (mm) DURING INSTALLATION	MIN. INTERNAL BENDING RADIUS (mm) AFTER INSTALLATION	CALCULATED N PULLING TENSIO DURING INSTALL	
	A	N/A	LV	LV TERMINATION (LV1 - 41)	2257	600mm	390mm	N/A	
	A - 1	50m	LV	1 x 415 240 AL4 XQ Z/SAC CABLE	2257	600mm	390mm	1.63kN	
	В	N/A	11kV	HV TERMINATION (HV1 - 52)	391 1335mm			N/A	
	B - E	40m	11kV	11kV 300 CU1 EPR 70 CU(WS) Z YQ/TRIPLEX CABLE	391	1335mm	890mm (BUNDLED) 620mm (PHASE)	2.81kN	
	B - F	39m	11kV	11kV 300 CU1 EPR 70 CU(WS) Z YQ/TRIPLEX CABLE	391	1335mm	890mm (BUNDLED) 620mm (PHASE)	3.06kN	
	C - D	27m	N/A	NEW (6 x 150mm) CONDUITS	N/A	N/A N/A		N/A	
	D - E	8m	N/A	EXIST (3 x 150mm + 1 x 50mm) CONDUITS	N/A	N/A	N/A	N/A	
4	D - F	7m	N/A	EXIST (3 x 150mm + 1 x 50mm) CONDUITS	N/A	N/A	N/A	N/A	
	E	N/A	11kV	3 - 1 JOINT TYPE (HV2-23)	N/A	N/A	N/A	N/A	
	F	N/A	11kV	3 - 1 JOINT TYPE (HV2-23)	N/A	N/A	N/A	N/A	
	FROPOSED UGOH⊖PotEnd Joint ⇔SealedE Conduit	⊲ Ui End ⊂ Jo	EXISTIN GOH ● Pot pint ● Seal	IG REMOVE End OH lines ed End HV LV - SL -			POLES 5 UNDERGRO ELECTRICITY - DISTRIBUTION A	UND TRANSMISSION	



	OVERHEAD CONSTRUCTION WORKS SCHEDULE																		
			0.75					HV CON	ISTRUCTION	LV CON	LV CONSTRUCTION STAY DETAILS			Y DETAILS	No. of		No. of		
	REF. IDENTIFIER	POLE NUMBER	SIZE (m)	STRENGTH (kN)	POLE TYPE TIMBER/CONC	DEPTH (m)	FOOTING DETAILS	CONST TYPE	ATTACHED (m) FROM HEAD OF POLE	CONST TYPE	ATTACHED (m) FROM HEAD OF POLE	STAY TYPE	STAY SIZE	ATTACHED (m) FROM HEAD OF POLE	STAY BEARING (Deg)	VIBRATION DAMPERS	ARMOUR RODS	ADDITIONAL CONSTRUCTION DETAIL	
	1	DU-43131	EXIST	EXIST	TIMBER	EXIST	EXIST	EXIST	EXIST	EXIST + LV1- 46	N/A	N/A	N/A	N/A	N/A	N/A	N/A	INSTALL LV UGOH & FUSE LINK DISCONNECT ON POLE DU-43131 AT REF "1".	
TING PROPOSED ↓ UGOH ○ Pot End Joint ○ Sealed End Conduit OH Lines UG Cables -HV		EXISTING DH • Pot En It • Sealed Lines UG	nd d End Cables	REMOV OH LI HV LV SL UG LI HV LV SL Joint	E X X ines X	ΛΟ				C	ELECTRICITY Des Sydney Region (02) WWW.J ASP REF.	- DISTRIBUTION ign - Construction -) 9748 2242 + polesandunderg 40	DUNT AND TRANS Maintenance Junter Region (round.com. 0178 - 04	DE DF CH SU SMISSION (02) 4399 1033 .au PR	SIGNED BY D RAWN BY M HECKED BY B IBMIT DATE SI IA H AP REF. M ISGRID REF. D RJTRAK No. X	ARWESH SW IATT MOON RAJ DUBEY JBMITTED 02 IORNSBY IAP 111 REF 0 U21 ICH013549	AMY .10.2015 211 1006	INSTALL NEW 400kVA KIOSK S.65844 GALSTON MID DURAL 392 GALSTON ROAD GALSTON NSW 2159	H
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KISTING PROPOSED UGOH ○ Pot End Joint ○ Sealed End Conduit OH Lines UG Cables	EXISTING UGOH • Pot End • Joint • Sealed End • OH Lines UG Cables	REMOVE OH lines HV X - LV X - SL X - UG lines HV X			ELECTRICITY Be Sydney Region (02 WWW	- DISTRIBUTION AND TRANSMIS isign - Construction - Maintenance 9) 9748 2242 Hunter Region (02) 4 Polesandunderground com au	SSION [4399 1033]
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