

GREEN SHEETS

**SUBMITTALS
FOR CONDITIONAL QUALIFICATION
CONTROLLER EQUIPMENT**

PROJECT MANAGER: _____

PROJECT: _____

HIGHWAY: _____

COUNTY: _____

CONTRACT NO.: _____

DESIGNER: _____

PHONE: _____

SUBMITTING CONTRACTOR: _____

DATE SUBMITTED: _____

CONTRACTOR REPRESENTATIVE: _____

PHONE: _____

‘GREEN SHEET’ INSTRUCTIONS

These sheets are to be furnished for each project, by the Project Managers office. They are found on ODOT’s Internet site <http://www.oregon.gov/ODOT/HWY/TS/Signals.shtml>. They should be down-loaded for each project, to insure that they are the most current copy.

These sheets, appropriately marked by the contractor, will be accepted as equipment list in accordance with 00960.02 of the Standard Specifications. **Three** copies are to be submitted by the contractor. **Project Inspector will conditionally qualify materials and return one copy to the contractor, and one copy to TSSU (Signal Services on ‘Routing Slip’).** **Do not send to Traffic Engineering Operation Section.**

Each item type must be marked in one of the following ways:

1. Check the brand and circle the model to be used, or
2. If not on list, write in brand/model number and submit ***I*** catalogue cutsheet for qualification. (Inspector can call (503-986-3596) and fax (503-986-3749) cutsheet to Traffic Signal Engineer for approval of material), or
3. Mark “NONE ON THIS PROJECT” if the plans do not call for this particular item.

Only one brand and model for each item should be marked. Sheets marked with more than two options will be returned to the contractor for correction.

The contractor shall continue to submit the following:

For Field Qualification: (using previously qualified list “BLUE SHEETS”)

All other materials and equipment.

For Qualification:

Mast Arm Poles and Arms * (Drawings & Calculations)

Strain Poles * (Drawings & Calculations)

Luminaire Extensions and Arms * (Drawings)

Luminaires and Lamps (Cutsheets)

Railroad Preemption Signs (Cut sheets/Drawings)

*Contractor to submit appropriate certification to Project Manager. See Non-field tested materials acceptance guide.

CONTROLLER CABINET

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>	
IDC (Intersection Development Corporation / U.S. Traffic Corporation)	332	<input type="checkbox"/> CONDITIONALLY QUALIFIED Qualification subject to Physical, Environmental and Operational Testing as required by the current Specifications. <input type="checkbox"/> RETURN FOR CORRECTION By: _____ Date: _____ CTSI Card # _____ <input type="checkbox"/> NONE ON THIS PROJECT
Safetran	332, 334, 336A, 336S	
McCain	332A, 334, 336a, 336s	
PSI (Phillips/Sisson Industries)	332	
Siemens	332	
_____	_____	

CONTROLLER

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>	
Safetran/Econolite	170E, 170E/HC11, 2070L	<input type="checkbox"/> CONDITIONALLY QUALIFIED Qualification subject to Physical, Environmental and Operational Testing as required by the current Specifications. <input type="checkbox"/> RETURN FOR CORRECTION By: _____ Date: _____ CTSI# _____ <input type="checkbox"/> NONE ON THIS PROJECT
PSI (Phillips/Sisson Industries)	170E	
McCain	170E, 170E/HC11, 2070L	
IDC/Topping (Intersection Development Corporation / U.S. Traffic Corporation)	170E, 170E/SC-HC11	
Siemens/Eagle	2070L	
Peek/ Quixote	2070L	
Intelight	2070L	

CONFLICT MONITOR

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>	
EDI (Eberle Design Inc.)	210C	<input type="checkbox"/> CONDITIONALLY QUALIFIED Qualification subject to Physical, Environmental and Operational Testing as required by the current Specifications. <input type="checkbox"/> RETURNED FOR CORRECTION By: _____ Date: _____ CTSI Card # _____ <input type="checkbox"/> NONE ON THIS PROJECT
PSI (Phillips/Sisson Industries)	210A	
IDC-SSD (Intersection Development Corporation / U.S. Traffic Corporation)	210	
McCain	208	
Safetran	208	
_____	_____	

LOAD SWITCH

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
TSC (Traffic Sensor Corporation)	200, 300
GDI (General Devices & Instruments)	LS200
PDC	SSS-88, SSS-87, SSS-83
IDC-SSD (Intersection Development Corporation / U.S. Traffic Corporation)	200
EDI (Eberle Design Inc.)	200
_____	_____
-	_____
_____	_____
-	_____

CONDITIONALLY QUALIFIED
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NONE ON THIS PROJECT

FLASHER

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
TSC (Traffic Sensor Corporation)	204
PDC	SSF-88, SSF-86
EDI (Eberle Design Inc.)	204
GDI Communications	FL204
_____	_____
_____	_____

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NONE ON THIS PROJECT

DETECTOR AMPLIFIER

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
Sarasota (Peek Traffic)	222 GP7
IDC/ Detector Systems (Intersection Development Corporation / U.S. Traffic Corporation)	222
EDI (Eberle Design Inc.)	LM602, LM222, Oracle 2E
Reno A & E	222, Model C
Canoga (3M)	C822
_____	_____
_____	_____

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NONE ON THIS PROJECT

ISOLATOR (DC and AC)

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
TSC (Traffic Sensor Corporation)	242, 252
GDI (General Devices & Instruments)	242, 252
PDC	DCI-82, ACI-81, ACI-88
EDI (Eberle Design Inc)	242
_____	_____
_____	_____

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NONE ON THIS PROJECT

MODEM

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
GDI (General Devices & Instruments)	400, 496, 2400, 2070-6A, 2070-6B
US Robotics 56k (External Modem)	5686G
Sixnet VT-Modem-1	VT-Modem-1
Eagle	2070-6A, 2070-7A
Econolite	2070-7A
McCain	2070-7A
Naztec	2070-7A
Quixote	2070-7A
_____	_____

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NONE ON THIS PROJECT

RELAY (FTR) Generic Model 430

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
Midtex (Tyco/CII Technologies)	Type 136
PDC	FTR-91
Magnecraft (Tyco/CII Technologies)	W21ACP X-2
Struthers-Dunn	Type 136
Deltrol Controls	295
_____	_____

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NONE ON THIS PROJECT

PREEMPTION INTERFACE (Cabinet)

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
Opticom (GTT)	752, 762
Strobecom II (Tomar)	2140, 3140
_____	_____
_____	_____

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PREEMPTION DETECTOR (Field)

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
Opticom (GTT)	711, 721, 722
Strobecom II (Tomar)	2090, 2091
_____	_____
_____	_____

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NONE ON THIS PROJECT

GPS TIME SYNC MODULE

<u>BRAND/MANUFACTURER</u>	<u>MODEL</u>
Eltec	TS1-GPS
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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NONE ON THIS PROJECT

VIDEO & RADAR DETECTION DEVICE

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
Traficon w/ Philips or Rainbow cameras & housings (VIDEO)	VIP3.x, Viewcom/E, 2 I/O, 4 I/O
Iteris w/ RZ-4 Advanced WDR cameras & housings (VIDEO)	VantageEdge2.x, EdgeConnect, 2 I/O, 4 I/O
Wavetronix (RADAR)	HD-125, Matrix, Advance
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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NONE ON THIS PROJECT

AUDIBLE PEDESTRIAN SIGNAL

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
Novax	DS-3000
Polara - Navigator Campbell Company	4 Wire ADVISOR APS-AH
_____	_____
_____	_____
_____	_____
_____	_____

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NONE ON THIS PROJECT

BATTERY BACKUP SYSTEMS

<u>BRAND/MANUFACTURER</u>	<u>MODEL</u>
Alpha/Capital Enterprise	FXM1000/CE
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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NONE ON THIS PROJECT

SOLAR POWERED 24/7 FLASHING BEACON SYSTEM

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
Carmanah technologies	R247C, R247
JSF Technologies	FL-1400
Eltec Corp.	24 HOUR
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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NONE ON THIS PROJECT

SCHOOL ZONE & ACTUATED SOLAR FLASHING BEACON SYSTEMS

<u>BRAND / MANUFACTURER</u>	<u>MODEL</u>
Eltec Corp.	Pedestrian, Schools
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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NONE ON THIS PROJECT

RRFB (Rapid Rectangular Flashing Beacon) SYSTEMS

<u>BRAND/MANUFACTURER</u>	<u>MODEL</u>
Spot Devices	RRFB
Eltec Corp.	RRFB
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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NONE ON THIS PROJECT

Note: All of the Systems on Page 6 include the solar panel & mount, batteries, charge control system, control system, cabinet & mount, and wiring. In addition the beacon & mount or RRFB & mount are included.