

March 26, 2014

SPU Landsburg Facilities and Chlorination Project

Bid Addendum #4

SPU Project PW#2012-020AC

The following is a list of updates in relation to the project:

- 1) Delete section 1.04 of Instructions to Bidders regarding Sales Tax.
- 2) The bid forms for bid packages 1, 2, 3, 4, 5, and 8 have been revised to show Sales Tax excluded from Subcontractor's Bids. Use the attached forms when submitting bids. These are also available on Lydig's Smartbid website.
- 3) For bid packages 1, 2, 3, 4, 5 and 8 add Washington State Sales Tax to the Specific Exclusions in the detailed scopes of work.
- 4) Bid Package #1 – Electrical bid opening has been extended. The new bid date and time is Wednesday 4/2/14 at 3:00 PM.
- 5) Addendums 2 and 3 discussed several items in relation to the low-voltage system. There are some further changes and clarifications which need to take place:
 - a. Addendum 2 provided revised Appendix V Coordination Matrix. This is being corrected to show the 6 Strand MM Fire Alarm Cable between the LOC Building and Hatchery to be provided by Electrical Bidders, not SPU.
 - b. Electrical Bidders are to furnish, install and terminate conduit, wire and face plates for all voice and communications jacks from the jacks to the patch panels in the SCADA/IT Room. SPU will provide additional equipment needed but not shown and terminate cabling. Refer to sheet E008. See excerpt from specification section 27 15 13.
 - c. SPU will only furnish and install fiber cabling along 9 Road in conduit provided by Electrical Bidders from existing vault at west end of 9 Road as shown on sheet E011 into LOC building and terminate at fiber patch panel in SCADA/IT Room. Any other fiber needed, including but not limited to that required by SCADA system, will be furnished, installed, and terminated by Electrical Bidders, unless otherwise noted.
- 6) See attached for responses to bidder questions.
- 7) See attached for updated substitution requests.

Thank You,

Jeremy McMullin
Sr. Project Engineer
Lydig Construction
(425) 885-3314 X 2123

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

00030 BID FORM



To: LYDIG CONSTRUCTION, INC.
12100 Northup Way
Bellevue, WA 98005

**BID PACKAGE # 1
Due 03/27/14 @ 10:00 AM**

Bid Package Name: Electrical

**BID FORM – PART 1
Landsburg Facilities & Chlorination Project C408050**

Name (Select one: <input type="checkbox"/> Subcontractor or <input type="checkbox"/> Supplier)		Telephone Number	
Address		City	State Zip
Federal Tax ID #	State UBI #	Seattle Business License # (required if awarded the contract) Exp.	Contractor's License # (Subcontractor only) Exp.
Has this Company ever been disbarred by L&I? <input type="checkbox"/> No <input type="checkbox"/> Yes, Reason (include attachment if needed):		ESD # (Employment Security Department)	

Pursuant to and in compliance with the Invitation to Bid and the Instructions to Bidders, and to other documents relating thereto, the Undersigned hereby proposes to furnish all labor and materials and to perform all Work for, Landsburg Facilities & Chlorination Project Package 1 – Electrical as requested by and in strict accordance with the Contract Documents, Schedules and Drawings, and with all Addenda prepared by Lydig Construction, Inc. for the following sum:

TOTAL BID:

1. _____
_____ DOLLARS (\$_____)

(~~Including~~ ~~Excluding~~ WSST)

2. Cost of Performance & Payment Bond \$_____
(for 100% of the contract price, **do not include costs in base bid**)

Note the base bid amount includes trench safety and the extended cost of any unit cost work listed in Alternate section of the bid form up to the full quantity listed on the bid form.

ALTERNATES

1 - Trenching and backfill for electrical scope in accordance with project guidelines _____/Lump
Sum

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

2 - Deduct replacing existing fire alarm panel in Hatchery with associated conduit and wire \$ _____/Lump Sum

3 - Deduct conduit, wiring and handholes for wiring to Analyzer Bldg \$ _____/Lump Sum

4 - Deduct conduit, wiring, panels and other components for SCADA connections at existing fluoride tanks levelers. \$ _____/Lump Sum

5- Furnish and install temporary power and required components from Screenhouse to construction trailer location. \$ _____/Lump Sum

UNIT PRICE (Include all costs including burden, taxes, etc.)

Journeyman Regular Time Labor Rate \$ _____/HR
Journeyman Overtime Labor Rate \$ _____/HR
Foreman Regular Time Labor Rate \$ _____/HR
Foreman Over Time Labor Rate \$ _____/HR

TRENCH EXCAVATION SAFETY PROVISIONS:

If the contract contains any work which requires trenching exceeding a depth of four feet, all costs for adequate trench safety systems shall be identified as a separate bid item in compliance with Chapter 39.04 RCW. The purpose of this provision is to ensure that the bidder agrees to comply with all the relevant trench safety requirements of Chapter 49.17 RCW. This bid amount shall be considered as part of the total base bid set forth above. If trench excavation safety provisions do not pertain to this project, put N.A. for dollar amount.

Trench Excavation Safety Provisions Only: \$ _____

TIME OF COMPLETION

Substantial Completion of the Landsburg Facilities & Chlorination Project as indicated in Section 000130 Schedule shall be completed no later than March 24, 2015. Liquidated damages to be assessed at \$1,700 per calendar day past substantial completion date noted above.

TIME IS OF THE ESSENCE

Time is of the essence for all work to be performed under this Contract. Contractors shall note that the Work must be completed within the time limit stated in the Contract Documents.

ACCEPTANCE OF SUBCONTRACTOR AGREEMENT

Bidder agrees to the terms and conditions of the Contract form supplied by the GC/CM (Appendix O - Section 00080 LCI Subcontractor Agreement or Appendix P - 00090 LCI Purchase Agreement) without modifications.

BID GUARANTEE

The Undersigned further agrees that the postal money order, certified or bank cashier’s check or Bid Bond (collectively “Bid Guarantee”) payable to Lydig Construction, Inc., accompanying this proposal, is left in escrow with the GC/CM; that its amount is the measure of liquidated damages which the GC/CM; will sustain by the failure of the Undersigned to execute and deliver the above-named Contract and Bond, and that if the Undersigned defaults in executing and delivering that Contract and in providing the Bond and insurance documents within ten (10) days of issuance of Notice of Intent to Award Contract, then the Bid Guarantee shall be forfeited to the GC/CM; but if this proposal is not accepted by the GC/CM within thirty (30) days of the time set for the opening of bids, or if the Undersigned executes and delivers said Contract, insurance documents and Bond, the Bid Guarantee shall be returned to the Undersigned.

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

ADDENDA

Receipt of addenda numbered _____ through _____ is hereby acknowledged.

INCLUSION PLAN

Bidders are required to submit an inclusion plan as part of the Bid Form. Submit Inclusion Plan per Section 00040 Social Equity along with Bid Form. Contractor has attached completed Inclusion Plan ____yes ____ no

Signature

Signed by (print name)

(Title)

(Date)

(Legal name of person, firm or corporation submitting bid)

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

00030 BID FORM



To: LYDIG CONSTRUCTION, INC.
12100 Northup Way
Bellevue, WA 98005

**BID PACKAGE # 2
Due 03/27/14 @ 11:00AM**

Bid Package Name: Plumbing & HVAC

**BID FORM – PART 1
Landsburg Facilities & Chlorination Project C408050**

Name (Select one: <input type="checkbox"/> Subcontractor or <input type="checkbox"/> Supplier)		Telephone Number	
Address		City	State Zip
Federal Tax ID #	State UBI #	Seattle Business License # (required if awarded the contract) Exp.	Contractor's License # (Subcontractor only) Exp.
Has this Company ever been disbarred by L&I? <input type="checkbox"/> No <input type="checkbox"/> Yes, Reason (include attached form if needed:		ESD # (Employment Security Department)	

Pursuant to and in compliance with the Invitation to Bid and the Instructions to Bidders, and to other documents relating thereto, the Undersigned hereby proposes to furnish all labor and materials and to perform all Work for, Landsburg Facilities & Chlorination Project Package 2 – Plumbing & HVAC as requested by and in strict accordance with the Contract Documents, Schedules and Drawings, and with all Addenda prepared by Lydig Construction, Inc. for the following sum:

TOTAL BID

1.

_____ DOLLARS (\$ _____)
(~~Including~~-~~Excluding~~ WSST)

2. Cost of Performance & Payment Bond \$ _____
(for 100% of the contract price, **do not include costs in base bid**)

Note the base bid amounts includes trench safety and the extended cost of any unit cost work listed in the Alternate section of the bid form up to the full quantity listed on the bid form.

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

ALTERNATE

Furnish, install and maintain temporary heat for building \$ _____/Lump Sum

UNIT PRICE (Include all costs including burden, taxes, etc.)

Journeyman Regular Time Labor Rate (Fully Burdened) \$ _____/HR
Journeyman Overtime Labor Rate (Fully Burdened) \$ _____/HR
Foreman Regular Time Labor Rate (Fully Burdened) \$ _____/HR
Foreman Over Time Labor Rate (Fully Burdened) \$ _____/HR

TRENCH EXCAVATION SAFETY PROVISIONS

If the contract contains any work which requires trenching exceeding a depth of four feet, all costs for adequate trench safety systems shall be identified as a separate bid item in compliance with Chapter 39.04 RCW. The purpose of this provision is to ensure that the bidder agrees to comply with all the relevant trench safety requirements of Chapter 49.17 RCW. This bid amount shall be considered as part of the total base bid set forth above. If trench excavation safety provisions do not pertain to this project, put N.A. for dollar amount.

Trench Excavation Safety Provisions Only: \$ _____

TIME OF COMPLETION

Substantial Completion of the Landsburg Facilities & Chlorination Project as indicated in Section 000130 Schedule shall be completed no later than March 24, 2015. Liquidated damages to be assessed at \$1,700 per calendar day past substantial completion date noted above.

TIME IS OF THE ESSENCE

Time is of the essence for all work to be performed under this Contract. Contractors shall note that the Work must be completed within the time limit stated in the Contract Documents.

ACCEPTANCE OF SUBCONTRACTOR AGREEMENT

Bidder agrees to the terms and conditions of the Contract form supplied by the GC/CM (Appendix O - Section 00080 LCI Subcontractor Agreement or Appendix P - 00090 LCI Purchase Agreement) without modifications.

BID GUARANTEE

The Undersigned further agrees that the postal money order, certified or bank cashier's check or Bid Bond (collectively "Bid Guarantee") payable to **Lydig Construction, Inc.**, accompanying this proposal, is left in escrow with the GC/CM; that its amount is the measure of liquidated damages which the GC/CM; will sustain by the failure of the Undersigned to execute and deliver the above-named Contract and Bond, and that if the Undersigned defaults in executing and delivering that Contract and in providing the Bond and insurance documents within ten (10) days of issuance of Notice of Intent to Award Contract, then the Bid Guarantee shall be forfeited to the GC/CM; but if this proposal is not accepted by the GC/CM within thirty (30) days of the time set for the opening of bids, or if the Undersigned executes and delivers said Contract, insurance documents and Bond, the Bid Guarantee shall be returned to the Undersigned.

ADDENDA

Receipt of addenda numbered _____ through _____ is hereby acknowledged.

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

INCLUSION PLAN

Bidders are required to submit an inclusion plan as part of the Bid Form. Submit Inclusion Plan per Section 00040 Social Equity along with Bid Form. Contractor has attached completed Inclusion Plan
____yes ____ no

Signature

Signed by (print name)

(Title)

(Date)

(Legal name of person, firm or corporation submitting bid)

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

00030 BID FORM



To: SEATTLE PUBLIC UTILITIES
Seattle Municipal Tower – SMT 4110
700 Fifth Avenue, Seattle, WA 98124

BID PACKAGE # 3
Due 04/03/14 @ 02:00 PM

Bid Package Name: Landsburg Operations Center (LOC) Building

BID FORM – PART 1
Landsburg Facilities & Chlorination Project C408050

Name (Select one: <input type="checkbox"/> Subcontractor or <input type="checkbox"/> Supplier)		Telephone Number	
Address		City	State Zip
Federal Tax ID #	State UBI #	Seattle Business License # (required if awarded the contract) Exp.	Contractor's License # (Subcontractor only) Exp.
Has this Company ever been disbarred by L&I? <input type="checkbox"/> No <input type="checkbox"/> Yes, Reason (include attachment if needed):		ESD # (Employment Security Department)	

Pursuant to and in compliance with the Invitation to Bid and the Instructions to Bidders, and to other documents relating thereto, the Undersigned hereby proposes to furnish all labor and materials and to perform all Work for, Landsburg Facilities & Chlorination Project Package 3 – LOC Building as requested by and in strict accordance with the Contract Documents, Schedules and Drawings, and with all Addenda prepared by Lydig Construction, Inc. for the following sum:

TOTAL BID:

1. _____
_____ DOLLARS (\$ _____)
~~(Including Excluding~~ WSST)

2. Cost of Performance & Payment Bond \$ _____
(for 100% of the contract price, **do not include costs in base bid**)

Note the base bid amount includes trench safety and the extended cost of any unit cost work listed in Alternate section of the bid form up to the full quantity listed on the bid form.

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

TRENCH EXCAVATION SAFETY PROVISIONS:

If the contract contains any work which requires trenching exceeding a depth of four feet, all costs for adequate trench safety systems shall be identified as a separate bid item in compliance with Chapter 39.04 RCW. The purpose of this provision is to ensure that the bidder agrees to comply with all the relevant trench safety requirements of Chapter 49.17 RCW. This bid amount shall be considered as part of the total base bid set forth above. If trench excavation safety provisions do not pertain to this project, put N.A. for dollar amount.

Trench Excavation Safety Provisions Only: \$ _____

TIME OF COMPLETION

Substantial Completion of the Landsburg Facilities & Chlorination Project as indicated in Section 000130 Schedule shall be completed no later than March 24, 2015. Liquidated damages to be assessed at \$1,700 per calendar day past substantial completion date noted above.

TIME IS OF THE ESSENCE

Time is of the essence for all work to be performed under this Contract. Contractors shall note that the Work must be completed within the time limit stated in the Contract Documents.

ACCEPTANCE OF SUBCONTRACTOR AGREEMENT

Bidder agrees to the terms and conditions of the Contract form supplied by the GC/CM (Appendix O - Section 00080 LCI Subcontractor Agreement or Appendix P - 00090 LCI Purchase Agreement) without modifications.

BID GUARANTEE

The Undersigned further agrees that the postal money order, certified or bank cashier's check or Bid Bond (collectively "Bid Guarantee") payable to ***Lydig Construction, Inc.***, accompanying this proposal, is left in escrow with the GC/CM; that its amount is the measure of liquidated damages which the GC/CM; will sustain by the failure of the Undersigned to execute and deliver the above-named Contract and Bond, and that if the Undersigned defaults in executing and delivering that Contract and in providing the Bond and insurance documents within ten (10) days of issuance of Notice of Intent to Award Contract, then the Bid Guarantee shall be forfeited to the GC/CM; but if this proposal is not accepted by the GC/CM within thirty (30) days of the time set for the opening of bids, or if the Undersigned executes and delivers said Contract, insurance documents and Bond, the Bid Guarantee shall be returned to the Undersigned.

ADDENDA

Receipt of addenda numbered _____ through _____ is hereby acknowledged.

INCLUSION PLAN

Bidders are required to submit an inclusion plan as part of the Bid Form. Submit Inclusion Plan per Section 00040 Social Equity along with Bid Form. Contractor has attached completed Inclusion Plan ___yes ___ no

Signature

Signed by (print name)

(Title)

(Date)

(Legal name of person, firm or corporation submitting bid)

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

00030 BID FORM



To: LYDIG CONSTRUCTION, INC.
12100 Northup Way
Bellevue, WA 98005

**BID PACKAGE # 4
Due 03/27/14 @ 10:30AM**

Bid Package Name: Fire Suppression

**BID FORM – PART 1
Landsburg Facilities & Chlorination Project C408050**

Name (Select one: <input type="checkbox"/> Subcontractor or <input type="checkbox"/> Supplier)		Telephone Number	
Address		City	State Zip
Federal Tax ID #	State UBI #	Seattle Business License # (required if awarded the contract) Exp.	Contractor's License # (Subcontractor only) Exp.
Has this Company ever been disbarred by L&I? <input type="checkbox"/> No <input type="checkbox"/> Yes, Reason (include attached form if needed:		ESD # (Employment Security Department)	

Pursuant to and in compliance with the Invitation to Bid and the Instructions to Bidders, and to other documents relating thereto, the Undersigned hereby proposes to furnish all labor and materials and to perform all Work for, Landsburg Facilities & Chlorination Project Package 4 - Fire Suppression as requested by and in strict accordance with the Contract Documents, Schedules and Drawings, and with all Addenda prepared by Lydig Construction, Inc. for the following sum:

TOTAL BID:

1.

_____ DOLLARS (\$ _____)
(~~Including~~-~~Excluding~~ WSST)

2. Cost of Performance & Payment Bond \$ _____
(for 100% of the contract price, **do not include costs in base bid**)

Note the base bid amounts includes trench safety and the extended cost of any alternates or unit cost work listed in the sections of the bid form up to the full quantity listed on the bid form.

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

ALTERNATE

~~1. Deduct Clean Agent System and provide Bldg standard fire suppression in associated rooms \$ _____/Lump Sum~~

UNIT PRICE (Include all costs including burden, taxes, etc.)

Journeyman Regular Time Labor Rate (Fully Burdened)	\$ _____/HR
Journeyman Overtime Labor Rate (Fully Burdened)	\$ _____/HR
Foreman Regular Time Labor Rate (Fully Burdened)	\$ _____/HR
Foreman Over Time Labor Rate (Fully Burdened)	\$ _____/HR

TRENCH EXCAVATION SAFETY PROVISIONS

If the contract contains any work which requires trenching exceeding a depth of four feet, all costs for adequate trench safety systems shall be identified as a separate bid item in compliance with Chapter 39.04 RCW. The purpose of this provision is to ensure that the bidder agrees to comply with all the relevant trench safety requirements of Chapter 49.17 RCW. This bid amount shall be considered as part of the total base bid set forth above. If trench excavation safety provisions do not pertain to this project, put N.A. for dollar amount.

Trench Excavation Safety Provisions Only: \$ _____

TIME OF COMPLETION

Substantial Completion of the Landsburg Facilities & Chlorination Project as indicated in Section 000130 Schedule shall be completed no later than March 24, 2015. Liquidated damages to be assessed at \$1,700 per calendar day past substantial completion date noted above.

TIME IS OF THE ESSENCE

Time is of the essence for all work to be performed under this Contract. Contractors shall note that the Work must be completed within the time limit stated in the Contract Documents.

ACCEPTANCE OF SUBCONTRACTOR AGREEMENT

Bidder agrees to the terms and conditions of the Contract form supplied by the GC/CM (Appendix O - Section 00080 LCI Subcontractor Agreement or Appendix P - 00090 LCI Purchase Agreement) without modifications.

BID GUARANTEE

The Undersigned further agrees that the postal money order, certified or bank cashier's check or Bid Bond (collectively "Bid Guarantee") payable to Lydig Construction, Inc., accompanying this proposal, is left in escrow with the GC/CM; that its amount is the measure of liquidated damages which the GC/CM will sustain by the failure of the Undersigned to execute and deliver the above-named Contract and Bond, and that if the Undersigned defaults in executing and delivering that Contract and in providing the Bond and insurance documents within ten (10) days of issuance of Notice of Intent to Award Contract, then the Bid Guarantee shall be forfeited to the GC/CM; but if this proposal is not accepted by the GC/CM within thirty (30) days of the time set for the opening of bids, or if the Undersigned executes and delivers said Contract, insurance documents and Bond, the Bid Guarantee shall be returned to the Undersigned.

ADDENDA

Receipt of addenda numbered _____ through _____ is hereby acknowledged.

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

INCLUSION PLAN

Bidders are required to submit an inclusion plan as part of the Bid Form. Submit Inclusion Plan per Section 00040 Social Equity along with Bid Form. Contractor has attached completed Inclusion Plan
____yes ____ no

Signature

Signed by (print name)

(Title)

(Date)

(Legal name of person, firm or corporation submitting bid)

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

00030 BID FORM



To: LYDIG CONSTRUCTION, INC.
12100 Northup Way
Bellevue, WA 98005

BID PACKAGE # 5
Due 04/02/14 @ 02:00 PM

Bid Package Name: Demolition & Abatement

BID FORM – PART 1
Landsburg Facilities & Chlorination Project C408050

Name (Select one: <input type="checkbox"/> Subcontractor or <input type="checkbox"/> Supplier)		Telephone Number	
Address		City	State Zip
Federal Tax ID #	State UBI #	Seattle Business License # (required if awarded the contract) Exp.	Contractor's License # (Subcontractor only) Exp.
Has this Company ever been disbarred by L&I? <input type="checkbox"/> No <input type="checkbox"/> Yes, Reason (include attachment if needed):		ESD # (Employment Security Department)	

Pursuant to and in compliance with the Invitation to Bid and the Instructions to Bidders, and to other documents relating thereto, the Undersigned hereby proposes to furnish all labor and materials and to perform all Work for, Landsburg Facilities & Chlorination Project Package 5 – Demolition & Abatement as requested by and in strict accordance with the Contract Documents, Schedules and Drawings, and with all Addenda prepared by Lydig Construction, Inc. for the following sum:

TOTAL BID:

1. _____
_____ DOLLARS (\$_____)

(~~Including~~ ~~Excluding~~ WSST)

2. Cost of Performance & Payment Bond \$_____
(for 100% of the contract price, **do not include costs in base bid**)

Note the base bid amount includes trench safety and the extended cost of any unit cost work listed in Alternate section of the bid form up to the full quantity listed on the bid form.

ALTERNATES

1 - Cut up and remove trash screens in the event they are not able to be pulled out in one piece, including hoisting required.

\$_____/each

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

TRENCH EXCAVATION SAFETY PROVISIONS:

If the contract contains any work which requires trenching exceeding a depth of four feet, all costs for adequate trench safety systems shall be identified as a separate bid item in compliance with Chapter 39.04 RCW. The purpose of this provision is to ensure that the bidder agrees to comply with all the relevant trench safety requirements of Chapter 49.17 RCW. This bid amount shall be considered as part of the total base bid set forth above. If trench excavation safety provisions do not pertain to this project, put N.A. for dollar amount.

Trench Excavation Safety Provisions Only: \$ _____

TIME OF COMPLETION

Substantial Completion of the Landsburg Facilities & Chlorination Project as indicated in Section 000130 Schedule shall be completed no later than March 24, 2015. Liquidated damages to be assessed at \$1,700 per calendar day past substantial completion date noted above.

TIME IS OF THE ESSENCE

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ACCEPTANCE OF SUBCONTRACTOR AGREEMENT

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BID GUARANTEE

The Undersigned further agrees that the postal money order, certified or bank cashier's check or Bid Bond (collectively "Bid Guarantee") payable to ***Lydig Construction, Inc.***, accompanying this proposal, is left in escrow with the GC/CM; that its amount is the measure of liquidated damages which the GC/CM; will sustain by the failure of the Undersigned to execute and deliver the above-named Contract and Bond, and that if the Undersigned defaults in executing and delivering that Contract and in providing the Bond and insurance documents within ten (10) days of issuance of Notice of Intent to Award Contract, then the Bid Guarantee shall be forfeited to the GC/CM; but if this proposal is not accepted by the GC/CM within thirty (30) days of the time set for the opening of bids, or if the Undersigned executes and delivers said Contract, insurance documents and Bond, the Bid Guarantee shall be returned to the Undersigned.

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Receipt of addenda numbered _____ through _____ is hereby acknowledged.

INCLUSION PLAN

Bidders are required to submit an inclusion plan as part of the Bid Form. Submit Inclusion Plan per Section 00040 Social Equity along with Bid Form. Contractor has attached completed Inclusion Plan ___yes ___ no

Signature

Signed by (print name)

(Title)

(Date)

(Legal name of person, firm or corporation submitting bid)

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

00030 BID FORM



To: LYDIG CONSTRUCTION, INC.
12100 Northup Way
Bellevue, WA 98005

BID PACKAGE # 8
Due 04/02/14 @ 02:30 AM

Bid Package Name: Landscaping

BID FORM – PART 1
Landsburg Facilities & Chlorination Project C408050

Name (Select one: <input type="checkbox"/> Subcontractor or <input type="checkbox"/> Supplier)		Telephone Number	
Address		City	State Zip
Federal Tax ID #	State UBI #	Seattle Business License # (required if awarded the contract) Exp.	Contractor's License # (Subcontractor only) Exp.
Has this Company ever been disbarred by L&I? <input type="checkbox"/> No <input type="checkbox"/> Yes, Reason (include attachment if needed):		ESD # (Employment Security Department)	

Pursuant to and in compliance with the Invitation to Bid and the Instructions to Bidders, and to other documents relating thereto, the Undersigned hereby proposes to furnish all labor and materials and to perform all Work for, Landsburg Facilities & Chlorination Project Package 1 – Electrical as requested by and in strict accordance with the Contract Documents, Schedules and Drawings, and with all Addenda prepared by Lydig Construction, Inc. for the following sum:

TOTAL BID:

1. _____
_____ DOLLARS (\$_____)

(~~Including~~ ~~Excluding~~ WSST)

2. Cost of Performance & Payment Bond \$_____
(for 100% of the contract price, **do not include costs in base bid**)

Note the base bid amount includes trench safety and the extended cost of any unit cost work listed in Alternate section of the bid form up to the full quantity listed on the bid form.

**LANDSBURG FACILITIES & CHLORINATION PROJECT
RAVENSDALE, WASHINGTON**

TRENCH EXCAVATION SAFETY PROVISIONS:

If the contract contains any work which requires trenching exceeding a depth of four feet, all costs for adequate trench safety systems shall be identified as a separate bid item in compliance with Chapter 39.04 RCW. The purpose of this provision is to ensure that the bidder agrees to comply with all the relevant trench safety requirements of Chapter 49.17 RCW. This bid amount shall be considered as part of the total base bid set forth above. If trench excavation safety provisions do not pertain to this project, put N.A. for dollar amount.

Trench Excavation Safety Provisions Only: \$ _____

TIME OF COMPLETION

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BID GUARANTEE

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ADDENDA

Receipt of addenda numbered _____ through _____ is hereby acknowledged.

INCLUSION PLAN

Bidders are required to submit an inclusion plan as part of the Bid Form. Submit Inclusion Plan per Section 00040 Social Equity along with Bid Form. Contractor has attached completed Inclusion Plan ___yes ___ no

Signature

Signed by (print name)

(Title)

(Date)

(Legal name of person, firm or corporation submitting bid)

PART 1 – GENERAL

1.01 GENERAL

- A. Conform to General Conditions, Supplementary Conditions, SPU Special Conditions, Division 1, and Section 270501.
- B. Review the Specifications and Drawings for coordination with additional requirements and information that apply to work under this Specification.
- C. This Specification applies to work shown in the Electrical (EXXX Series) Drawings.

1.02 SUMMARY

- A. Communications Horizontal Cabling shall be provided by ~~SPU~~. Contractor shall coordinate requirements with SPU and adhere to these Specifications where applicable.
- B. Communications Copper Horizontal Cabling for voice and data circuits shall be 23 AWG, 4-pair U/UTP NEC/NFPA CMP rated and be independently tested for compliance.
- C. Communications Optical Fiber Horizontal Cabling shall be tested to comply with the most recent revision of TIA/EIA-568-C.3 and ISO/IEC 11801 Standards, and their published addenda.
- D. Fire Alarm Fiber:
 - 1. Installation of fiber optic cabling from SCADA/IT Room fiber enclosure to the fire alarm panel and from SCADA/IT Room fiber enclosure to new fire alarm panel in Existing Fish Hatchery Building.
 - 2. OM2 50/125 um – Six (6) strands Multi-Mode Fiber should be installed between the SCADA/IT Room and a location inside or adjacent to the LOC Building main fire alarm panel. Fiber will be terminated on both ends with LC connectors.
 - 3. OM2 50/125 um – Six (6) strands Multi-Mode Fiber should be installed between the SCADA/IT Room and a location inside or adjacent to the Fish Hatchery Building main fire alarm panel. Fiber will be terminated on both ends with LC connectors.
 - 4. Multi-mode products:
 - a. Surface Mount Module: AMP Part No. 1933671-X
 - b. LC (OM2) Duplex Couplers: AMP Part No. 1-1933286-1
 - c. Fiber: AMP Part No. 1-1553308-2
 - d. Other equivalent alternatives.

Electrical contractor

1.03 REFERENCES

- A. ANSI/NFPA 70 – National Electrical Code.
- B. NFPA 70E – Standard for Electrical Safety in the Workplace.
- C. TIA/EIA – Telecommunications Industry Association/Electronics Industries Alliance.
- D. ASTM International.

Appendix V - SPU Landsburg Systems Coordination Matrix

Drawing/ Specification Reference	Item	Plumbing/HVAC Furnish	Plumbing/HVAC Install	Electrical Furnish	Electrical Install	Process Systems Furnish	Process Systems Install	SCADA Furnish	SCADA Install	Lydig/Other	Lydig/Other	Owner Furnish	Owner Install
40 90 00	Programming of SCADA system											X	X
M250	HOCL Tanks, pumps and accessories					X	X						
M250	Underground piping within 5' outside of storage tank or truck load/unload area	X	X										
M250	Underground piping beyond 5' outside of storage tank or truck load/unload area									X	X		
13 34 23	Fiberglass housing at HOCL storage tanks					X	X						
40 90 00	PLC & RIO							X	X				
40 90 00	Computer work stations											X	X
40 90 00	UPS			X	X								
40 90 00	SCADA Racks							X	X				
40 90 00	SCADA IO Servers								X			X	
40 90 00	Equipment not listed as existing on Instrument Schedule (section 40 90 00 Appendix A)					X	X						
40 90 00	SCADA Hookups to all equipment listed on Instrument Schedule (section 40 90 00 Appendix A)							X	X				
40 90 00	SCADA Panels							X	X				
E and I DWGS	Conduit and wiring for SCADA connections			X	X								
E and I DWGS	Wire terminations at devices monitored by SCADA			X	X								
E and I DWGS	Wire terminations at SCADA panels							X	X				
I043	Conduit for Fish Cameras			X	X								
I043	Wiring for Fish Cameras				X							X	
I043	Fish Cameras											X	X
40 90 00	Renetworking fish cameras							X	X				
M250	Yard hydrant at HOCL storage area	X	X										
M250	Eye wash at HOCL storage area	X	X										
A101	Evans Control Consoles in Monitoring Room									X	X		
M250	Fiberglass grating at containment moat									X	X		
M350	Rework at Treatment Building					X	X						

Landsburg Bid Questions

#	Bid Package	Spec/Dwg Reference	Question	Response	Addendum
11	3		No vapor barrier is shown underneath the LOC building slab on grade. Will one be required?	A vapor barrier is required and shown in between the structural slab and the topping slab, on top of the rigid insulation, per sheet A002 and Spec Div. 07 25 00 2.04.	4
12	3	Civil	Drawings do not show a footing drain around perimeter of building. Will footing drains be required?	Footing drains will not be required for the LOC building.	4
13	9		What is the preferred color to paint the antenna tower?	Forest green to match existing landscaping.	4
14	1, 3	26 32 13	Electrical drawings do not show a structural concrete pad underneath the generator. These are typically required by fire marshall. Will one be required and if so please provide details.	Yes, one will be required. Details are as follows: 4,000 PSI concrete Pad Dimensions: 246-inches long x 110-inches wide Pad Depth: 18-inches Anchor Embedment: 10-inches minimum (12) 1-inch diameter anchor bolts, cast-in-place. (Hex head ASTM F 1554, GR 105) Provide #4 rebar @ 12" OC each way, top and bottom	4
15	5		During removal of the existing screening equipment in the Screenhouse a large crane will be utilized which will sit on the south side of the forebay. A question was raised during site walks about the structural capacity of the existing structures with the outrigger surcharge loads from the crane. Please review the engineering of existing structures adjacent to crane position, such as the forebay walls and the fish ladders, and confirm that existing structurals will be able to handle the additional loads.		
16		26 05 41, 1 E006, IO11	The drawings and specifications differ in the locations of the concrete encased ductbanks versus those backfilled with soil. The specifications show those conduits under pavement to be concrete encased but other locations not. Detail 2/E006 shows none concrete encased for electrical conduit. Detail A/IO11 with all concrete encased ductbanks for instrumentation conduits. Please clarify.	Concrete-encased duct banks are not required. Direct-buried nonmetallic raceways shall be permitted and installed per Detail 2, Sheet E006.	4
17	1	E004	Feeder Electrical Meter to "Scada Room" - Simply stubbed in Room? Size of conduit/cable?	Should be to DDC system. This is a communication line only	4
18	1	E004	MSB Feeder/Breaker Plan note 8 indicates feeder shall report to EMCS via communications cabling between MSB and SCADA/IT Room 107. Where is EMCS located? Also conduit & conductor size?	Should be to DDC system	4
19	1	E004	Is the EMCS intended to mean the DDC panel shown on the Mechanical plans in the Mechanical room? If this is the case then only conduit and cabling information is needed and note should be revised to reflect room #111 as is applicable to the sequence.	Should be to DDC system	4
20	5	A401	What is approximate weight of screens to be removed from Screenhouse.	Estimated weight from manufacturer using a similar application is 20,000 pounds.	4
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