



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Request for Quotation
 06 - Building Supply

Proc Folder: 309712

Doc Description: CORRUGATED METAL CULVERT PIPE

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2017-03-23	2017-04-18 13:30:00	CRFQ 0803 DOT1700000073	1

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

Lane Enterprises, Inc.
 P.O. Box 854
 Barboursville WV 25504
 304-416-1806

04/03/17 09:46:47
 WV Purchasing Division

FOR INFORMATION CONTACT THE BUYER

Mark A Atkins
 (304) 558-2307
 mark.a.atkins@wv.gov

Signature X

Yield WMA

FEIN #



DATE

3-31-17

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Division of Highways (WVDOH) to establish an open-end contract to provide various types and sizes of Corrugated Metal Culvert Pipe for use at locations throughout the state of West Virginia by the West Virginia Division of Highways per attached documents.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Pricing shall be completed on Exhibit A Pricing Pages.	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
40171500			

Extended Description :

CORRUGATED METAL CULVERT PIPE

Note: Vendor shall use Exhibit_A Pricing Page(s) for bid pricing.

If vendor is submitting a bid online, Vendor should enter \$0.00 in the Oasis commodity line. Vendor shall enter pricing into the Exhibit_A Excel page and must attach with bid. See section 18 of Instructions to Bidders.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Technical Questions due by:	2017-03-31

DOT1700000073	Document Phase Final	Document Description CORRUGATED METAL CULVERT PIPE	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A NON-MANDATORY PRE-BID meeting will be held at the following place and time:

A MANDATORY PRE-BID meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one person attending the pre-bid meeting may represent more than one Vendor.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. The State will not accept any other form of proof or documentation to verify attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in, but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline: March 31, 2017

Submit Questions to: Mark Atkins, Senior Buyer
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)
Email: Mark.A.Atkins@wv.gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is:
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID: Corrugated Metal Culvert Pipe
BUYER: Mark Atkins, File#33
SOLICITATION NO.: CRFQ 0803 DOT1700000073
BID OPENING DATE: April 18, 2017
BID OPENING TIME: 1:30pm EST
FAX NUMBER: 304-558-3970

The Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. Submission of a response to an Expression or Interest or Request for Proposal is not permitted in wvOASIS.

For Request For Proposal ("RFP") Responses Only: In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus N/A convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

BID TYPE: (This only applies to CRFP)

- Technical
 Cost

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time: April 18, 2017 @ 1:30pm EST

**Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130**

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATES: Any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules § 148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may only be granted upon written request and only in accordance with the West Virginia Code § 5A-3-37 and the West Virginia Code of State Rules. A Vendor Preference Certificate form has been attached hereto to allow Vendor to apply for the preference. Vendor's failure to submit the Vendor Preference Certificate form with its bid will result in denial of Vendor Preference. Vendor Preference does not apply to construction projects.

16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform, or lacks the integrity and reliability to assure good-faith performance.”

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: This Contract becomes effective on upon award and extends for a period of one (1) year(s).

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Renewal of this Contract is limited to three (3) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed thirty-six (36) months in total. Automatic renewal of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases. Attorney General approval may be required for vendor terms and conditions.

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days.

Upon completion, the vendor agrees that maintenance, monitoring, or warranty services will be provided for one year thereafter with an additional _____ successive one year renewal periods or multiple renewal periods of less than one year provided that the multiple renewal periods do not exceed _____ months in total. Automatic renewal of this Contract is prohibited.

One Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Other: See attached.

4. NOTICE TO PROCEED: Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

BID BOND (Construction Only): Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of _____. The performance bond must be received by the Purchasing Division prior to Contract award. On construction contracts, the performance bond must be 100% of the Contract value.

LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable.

MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. Subsequent to contract award, and prior to the insurance expiration date, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies mandated herein, including but not limited to, policy cancelation, policy reduction, or change in insurers. The insurance coverages identified below must be maintained throughout the life of this contract. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed in this section.

Vendor must maintain:

Commercial General Liability Insurance in at least an amount of:

\$1,000,000.00

Automobile Liability Insurance in at least an amount of: _____

Professional/Malpractice/Errors and Omission Insurance in at least an amount of:

Commercial Crime and Third Party Fidelity Insurance in an amount of:

Cyber Liability Insurance in an amount of: _____

Builders Risk Insurance in an amount equal to 100% of the amount of the Contract.

9. WORKERS' COMPENSATION INSURANCE: The apparent successful Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. LITIGATION BOND: The Director reserves the right to require any Vendor that files a protest of an award to submit a litigation bond in the amount equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. The entire amount of the bond shall be forfeited if the hearing officer determines that the protest was filed for frivolous or improper purpose, including but not limited to, the purpose of harassing, causing unnecessary delay, or needless expense for the Agency. All litigation bonds shall be made payable to the Purchasing Division. In lieu of a bond, the protester may submit a cashier's check or certified check payable to the Purchasing Division. Cashier's or certified checks will be deposited with and held by the State Treasurer's office. If it is determined that the protest has not been filed for frivolous or improper purpose, the bond or deposit shall be returned in its entirety.

11. LIQUIDATED DAMAGES: Vendor shall pay liquidated damages in the amount of

n/a

for n/a

This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification.

14. PAYMENT: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.

15. PURCHASING CARD ACCEPTANCE: The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-6.1.e.

20. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments. Notwithstanding the foregoing, Purchasing Division approval may or may not be required on certain agency delegated or exempt purchases.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. BANKRUPTCY: In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void, and terminate this Contract without notice.

31. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in [http://www.wv.gov/procurement/procurement/policies/privacy/privacy.html](#).

32. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

33. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

34. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

35. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

36. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

37. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

38. PURCHASING AFFIDAVIT: In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.

39. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE: This Contract may be utilized by other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts (“Other Government Entities”). Any extension of this Contract to the aforementioned Other Government Entities must be on the same prices, terms, and conditions as those offered and agreed to in this Contract, provided that such extension is in compliance with the applicable laws, rules, and ordinances of the Other Government Entity. If the Vendor does not wish to extend the prices, terms, and conditions of its bid and subsequent contract to the Other Government Entities, the Vendor must clearly indicate such refusal in its bid. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.

40. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

41. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing@wv.gov.

42. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. The State reserves the right to prohibit a service provider’s employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

43. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.

b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:

c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or

d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

44. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a "substantial labor surplus area", as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Todd Wellman Sales Representative
(Name, Title)
Todd Wellman Sales Representative
(Printed Name and Title)
P.O. Box 854 Barboursville WV 25504
(Address)
304-416-1806 / 540-674-0815
(Phone Number) / (Fax Number)
twellman@lane-enterprises.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Lane Enterprises, Inc.
(Company)

Todd Wellman Sales Rep
(Authorized Signature) (Representative Name, Title)

Todd Wellman Sales Rep
(Printed Name and Title of Authorized Representative)

3-31-17
(Date)

304-416-1806 540-674-0815
(Phone Number) (Fax Number)

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REQUEST FOR QUOTATION
Corrugated Metal Culvert Pipe

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Division of Highways (WVDOH) to establish an open-end contract to provide various types and sizes of Corrugated Metal Culvert Pipe for use at locations throughout the state of West Virginia by the WVDOH.

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
 - 2.1 **“Contract Item” or “Contract Items”** means the list of items identified in Section 3.3.

 - 2.2 **“Pricing Pages”** means the schedule of prices attached hereto as **Exhibit A** and used to evaluate the Solicitation responses.

 - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services.

 - 2.4 **“WVDOH”** used throughout this Solicitation means the West Virginia Division of Highways.

 - 2.5 **“MP” and/or “MCS&T”** used throughout this Solicitation means the Materials Procedures as administered by the WVDOH Materials Control, Soil and Testing Division who perform all procedures necessary with sampling, testing, reporting and inspection of products and materials to maintain a reliable quality assurance system. Reference:
<http://www.transportation.wv.gov/highways/mcst/Pages/MaterialProcedures.aspx#anchor700>

 - 2.6 **“AASHTO”** used throughout this Solicitation means American Association of State Highway and Transportation Officials. Reference: www.transportation.org.

 - 2.7 **“ASTM”** used throughout this Solicitation means American Society for Testing and Materials. Reference: www.astm.org.

 - 2.8 **“Contractor” or “Vendor”** used throughout this Solicitation and in any cited sections of the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, adopted latest edition, are interchangeable.

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- 2.9** “Standard Specs” used throughout this Solicitation means the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, adopted latest edition.

3. GENERAL REQUIREMENTS:

- 3.1** The following sections of the Standard Specs shall apply to the administration of this contract: Sections 101, 102.4, 102.5, 105.1, 105.3, 105.4, 105.10, 105.11, 105.12, 105.13, 106.3, 106.4, 106.5, 106.6, 106.7, 106.9, 107.1, 107.2, 107.3, 107.14, 107.19, 107.20, 108.8, 109.1, 109.2, 109.9 and 109.20.

A complete hard-copy of the latest Standard Specs may be obtained from:

West Virginia Division of Highways
Contract Administration Division
Building 5, Room 722
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305
(Phone) 304-558-2885

An on-line version of these Standard Specs are available by sourcing:

- 3.2** **Approved Fabricators/Producers:** Vendors bidding must source approved suppliers/fabricators from MCS&T, MP 713.01.50. The approved fabricators/producers list herein establishes a list of products that meet the acceptable level of quality and is not intended to reflect a preference or favor any particular brand or vendor. Any fabricator meeting the established level of quality may become an approved fabricator and be added to the approved fabricator’s list in accordance with the approval procedures found in MP 700.00.55.
- 3.3** **Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.
- 3.3.1** **Item 1:**
Part 1p: Zinc coated (galvanized) corrugated steel culvert pipe (type I), reference section 713.2 of the Standard Specs.
Pipe shall be in 20 foot sections.
Part 1b: Bands for Part 1p. NOTE: Bands may or may not be purchased when Part 1p is purchased.
Part 1t: Total cost for Part “p” and Part “b”.

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3.3.2 Item 2:

Part 2p: Zinc coated (galvanized) corrugated steel culvert arch pipe (type II), reference section 713.2 of the Standard Specs.

Pipe shall be in 20 foot sections.

Part 2b: Bands for Part 2p. NOTE: Bands may or may not be purchased when Part 2p is purchased.

Part 2t: Total cost for Part "p" and Part "b".

3.3.3 Item 3:

Part 3p: Zinc coated (galvanized) corrugated steel under-drain pipe (type III), perforated and non-perforated, reference section 713.11 of the Standard Specs.

Pipe shall be in 20 foot sections.

Part 3b: Bands for Part 3p. NOTE: Bands may or may not be purchased when Part 3p is purchased.

Part 3t: Total cost for Part "p" and Part "b".

3.3.4 Item 4:

Part 4p: Zinc coated (galvanized) corrugated steel culvert pipe (type I), reference section 713.2 of the Standard Specs, with grated assemblies made of structural steel, suitable welded, to form the open slot and hot-dip galvanized to meet provisions of ASTM A123.

Pipe shall be in 20 foot sections.

Part 4b: Bands for Part 4p. NOTE: Bands may or may not be purchased when Part 4p is purchased.

Part 4t: Total cost for Part "p" and Part "b".

3.3.5 Item 5:

Part 5p: Aluminum coated (aluminized) culvert pipe (type I), reference section 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections.

Part 5b: Bands for Part 5p. NOTE: Bands may or may not be purchased when Part 5p is purchased.

Part 5t: Total cost for Part "p" and Part "b".

3.3.6 Item 6:

Part 6p: Aluminum coated (aluminized) steel culvert arch pipe (type II), reference section 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections.

Part 6b: Bands for Part 6p. NOTE: Bands may or may not be purchased when Part 6p is purchased.

Part 6t: Total cost for Part "p" and Part "b".

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3.3.7 Item 7:

Part 7p: Corrugated aluminum alloy under-drain pipe (type III), perforated, reference section 713.16 of the Standard Specs. Pipe shall be in 20 foot sections.

Part 7b: Bands for Part 7p. NOTE: Bands may or may not be purchased when Part 7p is purchased.

Part 7t: Total cost for Part "p" and Part "b".

3.3.8 Item 8:

Part 8a: Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs.

NOTE: Most structures with full aluminum inverts are limited to a maximum of four feet of cover. Most three-sided (bottomless) structures on concrete footings can handle up to five feet of cover.

Consult the manufacturer for the specifics on each size.

Part 8b: Aluminum Accessories for Part 8a.

Part 8t: Total cost for Part "a" and Part "b".

3.3.9 Sizes, Shapes, Corrugations, Metal Thicknesses:

Pipe shall be per the following table unless otherwise noted on the Pricing Page:

Corrugations	Round	Pipe-Arch (Span x Rise)
1 1/2" x 1/4"	6" to 10"	
2 2/3" x 1/2"	12" to 72"	14" x 9" to 83" x 57"
3" x 1"	48" to 102"	53" x 41" to 117" x 79"
5" x 1"	48" to 144"	53" x 41" to 142" x 91"
(SRP) 3/4" x 3/4" x 7 1/2"	15" to 102"	20" x 16" to 103" x 71"
18 gage (0.052"), 16 gage (0.064"), 14 gage (0.079"), 12 gage (0.109"), 10 gage (0.138"), 8 gage (0.168")		

4. CONTRACT AWARD:

4.1 Contract Award: The Contract is intended to provide Agencies with a purchase price on all Contract Items/Sizes. A Contract shall be awarded to the Vendor that provides the Contract Items/Sizes meeting the required specifications for the lowest cost per item/per size as shown on the Pricing Pages.

Each item is identified with two Parts. Items 1 through 7 are identified with Part "p" for the pipe and Part "b" for the band. Item 8 is identified with Part "a" for the shell/invert and Part "b" for the accessories. For evaluation purposes only, the bid

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price for both parts of each item/size shall be added together to arrive at a total "t" unit cost price and awarded to the lowest total bid. When DOH issues a Delivery Order, both parts of an item may not necessarily be purchased and shall be billed and paid as separate items accordingly.

- 4.2 Pricing Pages:** Vendor should complete the Pricing Pages by providing their bid price as described in Section 4.1 of the contract specifications. Vendor may bid any or all Contract Items/Sizes; however, the Vendor must bid both parts of a Contract Item/Size to be evaluated. The Vendor shall bid both Part "p" for the pipe and Part "b" for the band for Items 1 through 7 and shall bid both Part "a" for the shell/invert and Part "b" for the accessories Item 8.

Pricing shall be statewide and shall include delivery F.O.B. destination to the WVDOH location site as indicated on the Delivery Order.

The Pricing Pages contain a list of the Contract Items with no guarantee that any Contract Item will be purchased throughout the life of this contract. Estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Vendor should type or electronically enter the information into the Pricing Pages to prevent errors in the evaluation. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address:

5. ORDERING AND PAYMENT:

- 5.1 Ordering:** Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written forms of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.
- 5.2 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia. The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract.

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6. DELIVERY AND RETURN:

- 6.2 Delivery Time:** Vendor shall deliver standard orders within ten (10) working days after orders are received. Vendor shall have emergency orders within an agreed upon acceptable timeframe after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum quantity is met.
- 6.3 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.
- 6.5 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.
- 6.6 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7. VENDOR DEFAULT:

- 7.1** The following shall be considered a vendor default under this Contract.
- 7.1.1** Failure to provide Contract Items in accordance with the requirements contained herein.
- 7.1.2** Failure to comply with other specifications and requirements contained herein.

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- 7.1.3 Failure to comply with any laws, rules and ordinances applicable to the Contract Services provided under this Contract.
- 7.1.4 Failure to remedy deficient performance upon request.
- 7.2 The following remedies shall be available to Agency upon default.
 - 7.2.1 Immediate cancellation of the Contract.
 - 7.2.2 Immediate cancellation of one or more Delivery Orders issued under this Contract.
 - 7.2.3 Any other remedies available in law or equity.

8. MISCELLANEOUS:

- 8.1 **No Substitutions:** The Vendor shall supply only Contract Items submitted in response to this Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.
- 8.2 **Vendor Supply:** The Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, the Vendor certifies that it can supply the Contract Items contained in its bid response.
- 8.3 **Reports:** The Vendor shall provide quarterly reports and annual summaries to the Agency showing the Contract Items purchased, quantities of Contract Items purchased and the total dollar value of the Contract Items purchased. The Vendor shall also provide reports, upon request, showing the Contract Items purchased during the term of this Contract, the quantity purchased for each of those Contract Items and the total value of purchases for each of those Contract Items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 8.4 **Contract Manager:** During its performance of this Contract, the Vendor must designate and maintain a primary contract manager responsible for overseeing the Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. The Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Todd Wellman
Telephone Number: 304-416-1806
Fax Number: 540-674-0815
Email Address: twellman@lane-enterprises.com

ITEM 1

Part 1p = Pipe - Zinc coated (galvanized) corrugated steel culvert pipe (type I), reference section 713.2 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 1b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 1t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 1 Size	Unit Cost	Estimated Quantity	Extended Cost
1	1-12/16p	12" - 16 gage	136.37	2	272.74
	1-12/16b	Band	6.82	3	20.46
	1-12/16t	Total	143.19	XX	293.20
2	1-12/14p	12" - 14 gage	165.83	2	331.66
	1-12/14b	Band	8.29	3	24.87
	1-12/14t	Total	174.12	XX	356.53
3	1-15/16p	15" - 16 gage	169.21	2	338.42
	1-15/16b	Band	8.46	3	25.38
	1-15/16t	Total	177.67	XX	363.80
4	1-15/14p	15" - 14 gage	205.76	2	411.52
	1-15/14b	Band	10.29	3	30.87
	1-15/14t	Total	216.05	XX	442.39
5	1-18/16p	18" - 16 gage	201.41	2	402.82
	1-18/16b	Band	10.07	3	30.21
	1-18/16t	Total	211.48	XX	433.03
6	1-18/14p	18" - 14 gage	245.20	2	490.40
	1-18/14b	Band	12.26	3	36.78
	1-18/14t	Total	257.46	XX	527.18
7	1-18/12p	18" - 12 gage	336.65	2	673.30
	1-18/12b	Band	16.83	3	50.49
	1-18/12t	Total	353.48	XX	723.79
8	1-24/16p	24" - 16 gage	266.62	2	533.24
	1-24/16b	Band	13.33	3	39.99
	1-24/16t	Total	279.95	XX	573.23
9	1-24/14p	24" - 14 gage	324.58	2	649.16
	1-24/14b	Band	16.23	3	48.69
	1-24/14t	Total	340.81	XX	697.85
10	1-24/12p	24" - 12 gage	445.65	2	891.30
	1-24/12b	Band	22.28	3	66.84
	1-24/12t	Total	467.93	XX	958.14
11	1-30/16p	30" - 16 gage	331.66	2	663.32
	1-30/16b	Band	16.58	3	49.74
	1-30/16t	Total	348.24	XX	713.06
12	1-30/14p	30" - 14 gage	403.95	2	807.90
	1-30/14b	Band	20.20	3	60.60
	1-30/14t	Total	424.15	XX	868.50

ITEM 1

Part 1p = Pipe - Zinc coated (galvanized) corrugated steel culvert pipe (type I), reference section 713.2 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 1b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 1t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 1 Size	Unit Cost	Estimated Quantity	Extended Cost
13	1-30/12p	30" - 12 gage	554.48	2	1,108.96
	1-30/12b	Band	27.72	3	83.16
	1-30/12t	Total	582.20	XX	1,192.12
14	1-30/10p	30" - 10 gage	683.93	2	1,367.86
	1-30/10b	Band	34.20	3	102.60
	1-30/10t	Total	718.13	XX	1,470.46
15	1-36/16p	36" - 16 gage	397.35	2	794.70
	1-36/16b	Band	19.87	3	59.61
	1-36/16t	Total	417.22	XX	854.31
16	1-36/14p	36" - 14 gage	483.32	2	966.64
	1-36/14b	Band	24.17	3	72.51
	1-36/14t	Total	507.49	XX	1,039.15
17	1-36/12p	36" - 12 gage	663.48	2	1,326.96
	1-36/12b	Band	33.17	3	99.51
	1-36/12t	Total	696.65	XX	1,426.47
18	1-36/10p	36" - 10 gage	828.83	2	1,657.66
	1-36/10b	Band	41.44	3	124.32
	1-36/10t	Total	870.27	XX	1,781.98
19	1-42/16p	42" - 16 gage	462.55	2	925.10
	1-42/16b	Band	23.13	3	69.39
	1-42/16t	Total	485.68	XX	994.49
20	1-42/14p	42" - 14 gage	562.70	2	1,125.40
	1-42/14b	Band	28.13	3	84.39
	1-42/14t	Total	590.83	XX	1,209.79
21	1-42/12p	42" - 12 gage	771.83	2	1,543.66
	1-42/12b	Band	38.59	3	115.77
	1-42/12t	Total	810.42	XX	1,659.43
22	1-42/10p	42" - 10 gage	964.55	2	1,929.10
	1-42/10b	Band	48.23	3	144.69
	1-42/10t	Total	1,012.78	XX	2,073.79
23	1-42/8p	42" - 8 gage	1,175.30	2	2,350.60
	1-42/8b	Band	58.77	3	176.31
	1-42/8t	Total	1,234.07	XX	2,526.91
24	1-48/16p	48" - 16 gage	527.76	2	1,055.52
	1-48/16b	Band	26.39	3	79.17
	1-48/16t	Total	554.15	XX	1,134.69
25	1-48/14p	48" - 14 gage	642.07	2	1,284.14
	1-48/14b	Band	32.10	3	96.30
	1-48/14t	Total	674.17	XX	1,380.44
26	1-48/12p	48" - 12 gage	880.83	2	1,761.66
	1-48/12b	Band	44.04	3	132.12
	1-48/12t	Total	924.87	XX	1,893.78
27	1-48/10p	48" - 10 gage	1,100.27	2	2,200.54
	1-48/10b	Band	55.01	3	165.03
	1-48/10t	Total	1,155.28	XX	2,365.57
28	1-48/8p	48" - 8 gage	1,340.65	2	2,681.30
	1-48/8b	Band	67.03	3	201.09
	1-48/8t	Total	1,407.68	XX	2,882.39

ITEM 1

Part 1p = Pipe - Zinc coated (galvanized) corrugated steel culvert pipe (type I), reference section 713.2 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 1b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 1t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 1 Size	Unit Cost	Estimated Quantity	Extended Cost
29	1-54/16p	54" - 16 gage*	736.25	2	1,472.50
	1-54/16b	Band	36.81	3	110.43
	1-54/16t	Total	773.06	XX	1,582.93
30	1-54/14p	54" - 14 gage*	912.07	2	1,824.14
	1-54/14b	Band	45.60	3	136.80
	1-54/14t	Total	957.67	XX	1,960.94
31	1-54/12p	54" - 12 gage	989.18	2	1,978.36
	1-54/12b	Band	49.46	3	148.38
	1-54/12t	Total	1,038.64	XX	2,126.74
32	1-54/10p	54" - 10 gage	1,236.00	2	2,472.00
	1-54/10b	Band	61.80	3	185.40
	1-54/10t	Total	1,297.80	XX	2,657.40
33	1-54/8p	54" - 8 gage	1,505.83	2	3,011.66
	1-54/8b	Band	75.29	3	225.87
	1-54/8t	Total	1,581.12	XX	3,237.53
34	1-60/16p	60" - 16 gage*	816.75	2	1,633.50
	1-60/16b	Band	40.84	3	122.52
	1-60/16t	Total	857.59	XX	1,756.02
35	1-60/14p	60" - 14 gage*	1,010.92	2	2,021.84
	1-60/14b	Band	50.55	3	151.65
	1-60/14t	Total	1,061.47	XX	2,173.49
36	1-60/12p	60" - 12 gage	1,098.02	2	2,196.04
	1-60/12b	Band	54.90	3	164.70
	1-60/12t	Total	1,152.92	XX	2,360.74
37	1-60/10p	60" - 10 gage	1,371.72	2	2,743.44
	1-60/10b	Band	68.59	3	205.77
	1-60/10t	Total	1,440.31	XX	2,949.21
38	1-60/8p	60" - 8 gage	1,671.18	2	3,342.36
	1-60/8b	Band	83.56	3	250.68
	1-60/8t	Total	1,754.74	XX	3,593.04
39	1-66/16p	66" - 16 gage*	897.09	2	1,794.18
	1-66/16b	Band	44.85	3	134.55
	1-66/16t	Total	941.94	XX	1,928.73
40	1-66/14p	66" - 14 gage*	1,110.42	2	2,220.84
	1-66/14b	Band	55.52	3	166.56
	1-66/14t	Total	1,165.94	XX	2,387.40
41	1-66/12p	66" - 12 gage	1,207.02	2	2,414.04
	1-66/12b	Band	60.35	3	181.05
	1-66/12t	Total	1,267.37	XX	2,595.09
42	1-66/10p	66" - 10 gage	1,507.60	2	3,015.20
	1-66/10b	Band	75.38	3	226.14
	1-66/10t	Total	1,582.98	XX	3,241.34
43	1-66/8p	66" - 8 gage	1,836.53	2	3,673.06
	1-66/8b	Band	91.83	3	275.49
	1-66/8t	Total	1,928.36	XX	3,948.55

ITEM 1

Part 1p = Pipe - Zinc coated (galvanized) corrugated steel culvert pipe (type I), reference section 713.2 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 1b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 1t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 1 Size	Unit Cost	Estimated Quantity	Extended Cost
44	1-72/16p	72" - 16 gage*	977.59	2	1,955.18
	1-72/16b	Band	48.88	3	146.64
	1-72/16t	Total	1,026.47	XX	2,101.82
45	1-72/14p	72" - 14 gage*	1,209.92	2	2,419.84
	1-72/14b	Band	60.50	3	181.50
	1-72/14t	Total	1,270.42	XX	2,601.34
46	1-72/12p	72" - 12 gage*	1,627.39	2	3,254.78
	1-72/12b	Band	81.37	3	244.11
	1-72/12t	Total	1,708.76	XX	3,498.89
47	1-72/10p	72" - 10 gage	1,643.33	2	3,286.66
	1-72/10b	Band	82.17	3	246.51
	1-72/10t	Total	1,725.50	XX	3,533.17
48	1-72/8p	72" - 8 gage	2,001.87	2	4,003.74
	1-72/8b	Band	100.09	3	300.27
	1-72/8t	Total	2,101.96	XX	4,304.01
49	1-84/16p	84" - 16 gage*	1,137.79	2	2,275.58
	1-84/16b	Band	56.89	3	170.67
	1-84/16t	Total	1,194.68	XX	2,446.25
50	1-84/14p	84" - 14 gage*	1,408.75	2	2,817.50
	1-84/14b	Band	70.44	3	211.32
	1-84/14t	Total	1,479.19	XX	3,028.82
51	1-84/12p	84" - 12 gage*	1,894.33	2	3,788.66
	1-84/12b	Band	94.72	3	284.16
	1-84/12t	Total	1,989.05	XX	4,072.82
52	1-84/10p	84" - 10 gage*	2,387.63	2	4,775.26
	1-84/10b	Band	119.38	3	358.14
	1-84/10t	Total	2,507.01	XX	5,133.40
53	1-84/8p	84" - 8 gage	2,329.19	2	4,658.38
	1-84/8b	Band	116.46	3	349.38
	1-84/8t	Total	2,445.65	XX	5,007.76
54	1-96/16p	96" - 16 gage*	N/A	2	N/A
	1-96/16b	Band	N/A	3	N/A
	1-96/16t	Total	N/A	XX	N/A
55	1-96/14p	96" - 14 gage*	1,607.26	2	3,214.52
	1-96/14b	Band	80.36	3	241.08
	1-96/14t	Total	1,687.62	XX	3,455.60
56	1-96/12p	96" - 12 gage*	2,161.26	2	4,322.52
	1-96/12b	Band	108.06	3	324.18
	1-96/12t	Total	2,269.32	XX	4,646.70
57	1-96/10p	96" - 10 gage*	2,724.12	2	5,448.24
	1-96/10b	Band	136.21	3	408.63
	1-96/10t	Total	2,860.33	XX	5,856.87
58	1-96/8p	96" - 8 gage	2,651.20	2	5,302.40
	1-96/8b	Band	132.56	3	397.68
	1-96/8t	Total	2,783.76	XX	5,700.08

* denotes 3"x1" or 5"x1" corrugation, per section 3.3.9 of the specifications

ITEM 2

Part 2p = Pipe - Zinc coated (galvanized) corrugated steel culvert arch pipe (type II), reference section 713.2 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 2b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 2t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 2		Estimated Quantity	Extended Cost
		Span x Rise	Unit Cost		
1	2-1713/16p	17" x 13" - 16 gage	181.77	2	363.54
	2-1713/16b	Band	9.09	3	27.27
	2-1713/16t	Total	190.86	XX	390.81
2	2-1713/14p	17" x 13" - 14 gage	218.48	2	436.96
	2-1713/14b	Band	10.92	3	32.76
	2-1713/14t	Total	229.40	XX	469.72
3	2-2115/16p	21" x 15" - 16 gage	215.10	2	430.20
	2-2115/16b	Band	10.75	3	32.25
	2-2115/16t	Total	225.85	XX	462.45
4	2-2115/14p	21" x 15" - 14 gage	258.89	2	517.78
	2-2115/14b	Band	12.94	3	38.82
	2-2115/14t	Total	271.83	XX	556.60
5	2-2115/12p	21" x 15" - 12 gage	350.34	2	700.68
	2-2115/12b	Band	17.52	3	52.56
	2-2115/12t	Total	367.86	XX	753.24
6	2-2820/16p	28" x 20" - 16 gage	283.52	2	567.04
	2-2820/16b	Band	14.18	3	42.54
	2-2820/16t	Total	297.70	XX	609.58
7	2-2820/14p	28" x 20" - 14 gage	341.64	2	683.28
	2-2820/14b	Band	17.08	3	51.24
	2-2820/14t	Total	358.72	XX	734.52
8	2-2820/12p	28" x 20" - 12 gage	462.55	2	925.10
	2-2820/12b	Band	23.13	3	69.39
	2-2820/12t	Total	485.68	XX	994.49
9	2-3524/16p	35" x 24" - 16 gage	350.34	2	700.68
	2-3524/16b	Band	17.52	3	52.56
	2-3524/16t	Total	367.86	XX	753.24
10	2-3524/14p	35" x 24" - 14 gage	422.63	2	845.26
	2-3524/14b	Band	21.13	3	63.39
	2-3524/14t	Total	443.76	XX	908.65
11	2-3524/12p	35" x 24" - 12 gage	573.16	2	1,146.32
	2-3524/12b	Band	28.66	3	85.98
	2-3524/12t	Total	601.82	XX	1,232.30

ITEM 2

Part 2p = Pipe - Zinc coated (galvanized) corrugated steel culvert arch pipe (type II), reference section 713.2 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 2b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 2t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 2 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
12	2-4229/16p	42" x 29" - 16 gage	417.63	2	835.26
	2-4229/16b	Band	20.88	3	62.64
	2-4229/16t	Total	438.51	XX	897.90
13	2-4229/14p	42" x 29" - 14 gage	503.61	2	1,007.22
	2-4229/14b	Band	25.18	3	75.54
	2-4229/14t	Total	528.79	XX	1,082.76
14	2-4229/12p	42" x 29" - 12 gage	683.77	2	1,367.54
	2-4229/12b	Band	34.19	3	102.57
	2-4229/12t	Total	717.96	XX	1,470.11
15	2-4229/10p	42" x 29" - 10 gage	848.95	2	1,697.90
	2-4229/10b	Band	42.45	3	127.35
	2-4229/10t	Total	891.40	XX	1,825.25
16	2-4933/14p	49" x 33" - 14 gage	585.24	2	1,170.48
	2-4933/14b	Band	29.26	3	87.78
	2-4933/14t	Total	614.50	XX	1,258.26
17	2-4933/12p	49" x 33" - 12 gage	794.21	2	1,588.42
	2-4933/12b	Band	39.71	3	119.13
	2-4933/12t	Total	833.92	XX	1,707.55
18	2-4933/10p	49" x 33" - 10 gage	986.93	2	1,973.86
	2-4933/10b	Band	49.35	3	148.05
	2-4933/10t	Total	1,036.28	XX	2,121.91
19	2-4933/8p	49" x 33" - 8 gage	1,197.68	2	2,395.36
	2-4933/8b	Band	59.88	3	179.64
	2-4933/8t	Total	1,257.56	XX	2,575.00
20	2-5738/12p	57" x 38" - 12 gage	905.46	2	1,810.92
	2-5738/12b	Band	45.27	3	135.81
	2-5738/12t	Total	950.73	XX	1,946.73
21	2-5738/10p	57" x 38" - 10 gage	1,124.91	2	2,249.82
	2-5738/10b	Band	56.25	3	168.75
	2-5738/10t	Total	1,181.16	XX	2,418.57
22	2-5738/8p	57" x 38" - 8 gage	1,365.28	2	2,730.56
	2-5738/8b	Band	68.26	3	204.78
	2-5738/8t	Total	1,433.54	XX	2,935.34
23	2-6443/12p	64" x 43" - 12 gage	1,015.91	2	2,031.82
	2-6443/12b	Band	50.80	3	152.40
	2-6443/12t	Total	1,066.71	XX	2,184.22

ITEM 2

Part 2p = Pipe - Zinc coated (galvanized) corrugated steel culvert arch pipe (type II), reference section 713.2 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 2b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 2t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 2 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
24	2-6443/10p	64" x 43" - 10 gage	1,262.88	2	2,525.76
	2-6443/10b	Band	63.14	3	189.42
	2-6443/10t	Total	1,326.02	XX	2,715.18
25	2-6443/8p	64" x 43" - 8 gage	1,532.72	2	3,065.44
	2-6443/8b	Band	76.64	3	229.92
	2-6443/8t	Total	1,609.36	XX	3,295.36
26	2-7147/10p	71" x 47" - 10 gage	1,401.34	2	2,802.68
	2-7147/10b	Band	70.07	3	210.21
	2-7147/10t	Total	1,471.41	XX	3,012.89
27	2-7147/8p	71" x 47" - 8 gage	1,700.80	2	3,401.60
	2-7147/8b	Band	85.04	3	255.12
	2-7147/8t	Total	1,785.84	XX	3,656.72
28	2-7355/12p	73" x 55" - 12 gage*	1,528.53	2	3,057.06
	2-7355/12b	Band	76.43	3	229.29
	2-7355/12t	Total	1,604.96	XX	3,286.35
29	2-7355/10p	73" x 55" - 10 gage*	1,917.51	2	3,835.02
	2-7355/10b	Band	95.88	3	287.64
	2-7355/10t	Total	2,013.39	XX	4,122.66
30	2-7355/8p	73" x 55" - 8 gage*	2,334.60	2	4,669.20
	2-7355/8b	Band	116.73	3	350.19
	2-7355/8t	Total	2,451.33	XX	5,019.39
31	2-8159/12p	81" x 59" - 12 gage*	1,666.19	2	3,332.38
	2-8159/12b	Band	83.31	3	249.93
	2-8159/12t	Total	1,749.50	XX	3,582.31
32	2-8159/10p	81" x 59" - 10 gage*	2,089.78	2	4,179.56
	2-8159/10b	Band	104.49	3	313.47
	2-8159/10t	Total	2,194.27	XX	4,493.03
33	2-8159/8p	81" x 59" - 8 gage*	2,543.80	2	5,087.60
	2-8159/8b	Band	127.19	3	381.57
	2-8159/8t	Total	2,670.99	XX	5,469.17
34	2-8357/8p	83" x 57" - 8 gage	2,037.46	2	4,074.92
	2-8357/8b	Band	101.87	3	305.61
	2-8357/8t	Total	2,139.33	XX	4,380.53

ITEM 2

Part 2p = Pipe - Zinc coated (galvanized) corrugated steel culvert arch pipe (type II), reference section 713.2 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 2b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 2t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 2 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
35	2-8763/12p	87" x 63" - 12 gage*	1,803.84	2	3,607.68
	2-8763/12b	Band	90.19	3	270.57
	2-8763/12t	Total	1,894.03	XX	3,878.25
36	2-8763/10p	87" x 63" - 10gage*	2,262.53	2	4,525.06
	2-8763/10b	Band	113.13	3	339.39
	2-8763/10t	Total	2,375.66	XX	4,864.45
37	2-8763/8p	87" x 63" - 8 gage*	2,750.36	2	5,500.72
	2-8763/8b	Band	137.52	3	412.56
	2-8763/8t	Total	2,887.88	XX	5,913.28
38	2-9567/12p	95" x 67" - 12 gage*	1,941.34	2	3,882.68
	2-9567/12b	Band	97.07	3	291.21
	2-9567/12t	Total	2,038.41	XX	4,173.89
39	2-9567/10p	95" x 67" - 10 gage*	2,434.64	2	4,869.28
	2-9567/10b	Band	121.73	3	365.19
	2-9567/10t	Total	2,556.37	XX	5,234.47
40	2-9567/8p	95" x 67" - 8 gage*	2,959.50	2	5,919.00
	2-9567/8b	Band	147.98	3	443.94
	2-9567/8t	Total	3,107.48	XX	6,362.94
41	2-10371/12p	103" x 71" - 12 gage*	2,079.64	2	4,159.28
	2-10371/12b	Band	103.98	3	311.94
	2-10371/12t	Total	2,183.62	XX	4,471.22
42	2-10371/10p	103" x 71" - 10 gage*	2,607.40	2	5,214.80
	2-10371/10b	Band	130.37	3	391.11
	2-10371/10t	Total	2,737.77	XX	5,605.91
43	2-10371/8p	103" x 71" - 8 gage*	3,169.77	2	6,339.54
	2-10371/8b	Band	158.49	3	475.47
	2-10371/8t	Total	3,328.26	XX	6,815.01

* denotes 3"x1" or 5"x1" corrugation, per section 3.3.9 of the specifications

ITEM 3

Part 3p = Pipe - Zinc coated (galvanized) corrugated steel under-drain pipe (type III), perforated and non-perforated, reference section 713.11 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 3b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 3t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 3		Estimated Quantity	Extended Cost
		Size	Unit Cost		
1	3-6/16pP	6" - 16 gage Perforated	88.60	2	177.20
	3-6/16bP	Band	4.43	3	13.29
	3-6/16tP	Total	93.03	XX	190.49
2	3-6/16pNP	6" - 16 gage Non-Perforated	75.00	2	150.00
	3-6/16bNP	Band	3.75	3	11.25
	3-6/16tNP	Total	78.75	XX	161.25
3	3-8/16pP	8" - 16 gage Perforated	116.80	2	233.60
	3-8/16bP	Band	5.84	3	17.52
	3-8/16tP	Total	122.64	XX	251.12
4	3-8/16pNP	8" - 16 gage Non-Perforated	99.00	2	198.00
	3-8/16bNP	Band	4.95	3	14.85
	3-8/16tNP	Total	103.95	XX	212.85

ITEM 4

Part 4p = Pipe - Zinc coated (galvanized) corrugated steel culvert pipe (type I), reference section 713.2 of the Standard Specs, with grated assemblies made of structural steel, suitable welded, to form the open slot and hot-dip galvanized to meet provisions of ASTM A123. Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 4b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each

Part 4t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 4 Size	Unit Cost	Estimated Quantity	Extended Cost
1	4-126/16p	12" w/6" Slot Height - 16 gage	965.20	2	1,930.40
	4-126/16b	Band	48.26	3	144.78
	4-126/16t	Total	1,013.46	XX	2,075.18
2	4-126/14p	12" w/6" Slot Height - 14 gage	1,039.87	2	2,079.74
	4-126/14b	Band	51.99	3	155.97
	4-126/14t	Total	1,091.86	XX	2,235.71
3	4-122.5/16p	12" w/2.5" Slot Height - 16 gage	747.46	2	1,494.92
	4-122.5/16b	Band	37.37	3	112.11
	4-122.5/16t	Total	784.83	XX	1,607.03
4	4-122.5/14p	12" w/2.5" Slot Height - 14 gage	822.70	2	1,645.40
	4-122.5/14b	Band	41.14	3	123.42
	4-122.5/14t	Total	863.84	XX	1,768.82
5	4-156/16p	15" w/6" Slot Height - 16 gage	1,024.48	2	2,048.96
	4-156/16b	Band	51.22	3	153.66
	4-156/16t	Total	1,075.70	XX	2,202.62
6	4-156/14p	15" w/6" Slot Height - 14 gage	1,113.97	2	2,227.94
	4-156/14b	Band	55.70	3	167.10
	4-156/14t	Total	1,169.67	XX	2,395.04
7	4-152.5/16p	15" w/2.5" Slot Height - 16 gage	807.12	2	1,614.24
	4-152.5/16b	Band	40.36	3	121.08
	4-152.5/16t	Total	847.48	XX	1,735.32
8	4-152.5/14p	15" w/2.5" Slot Height - 14 gage	896.23	2	1,792.46
	4-152.5/14b	Band	44.81	3	134.43
	4-152.5/14t	Total	941.04	XX	1,926.89
9	4-186/16p	18" w/6" Slot Height - 16 gage	1,083.38	2	2,166.76
	4-186/16b	Band	54.17	3	162.51
	4-186/16t	Total	1,137.55	XX	2,329.27
10	4-186/14p	18" w/6" Slot Height - 14 gage	1,187.12	2	2,374.24
	4-186/14b	Band	59.36	3	178.08
	4-186/14t	Total	1,246.48	XX	2,552.32
11	4-182.5/16p	18" w/2.5" Slot Height - 16 gage	865.26	2	1,730.52
	4-182.5/16b	Band	43.26	3	129.78
	4-182.5/16t	Total	908.52	XX	1,860.30

ITEM 4

Part 4p = Pipe - Zinc coated (galvanized) corrugated steel culvert pipe (type I), reference section 713.2 of the Standard Specs, with grated assemblies made of structural steel, suitable welded, to form the open slot and hot-dip galvanized to meet provisions of ASTM A123. Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 4b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each

Part 4t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 4 Size	Unit Cost	Estimated Quantity	Extended Cost
12	4-182.5/14p	18" w/2.5" Slot Height - 14 gage	969.38	2	1,938.76
	4-182.5/14b	Band	48.47	3	145.41
	4-182.5/14t	Total	1,017.85	XX	2,084.17
13	4-246/16p	24" w/6" Slot Height - 16 gage	1,202.13	2	2,404.26
	4-246/16b	Band	60.11	3	180.33
	4-246/16t	Total	1,262.24	XX	2,584.59
14	4-246/14p	24" w/6" Slot Height - 14 gage	1,334.18	2	2,668.36
	4-246/14b	Band	66.71	3	200.13
	4-246/14t	Total	1,400.89	XX	2,868.49
15	4-242.5/16p	24" w/2.5" Slot Height - 16 gage	984.39	2	1,968.78
	4-242.5/16b	Band	49.22	3	147.66
	4-242.5/16t	Total	1,033.61	XX	2,116.44
16	4-242.5/14p	24" w/2.5" Slot Height - 14 gage	1,116.44	2	2,232.88
	4-242.5/14b	Band	55.82	3	167.46
	4-242.5/14t	Total	1,172.26	XX	2,400.34
17	4-306/16p	30" w/6" Slot Height - 16 gage	1,320.88	2	2,641.76
	4-306/16b	Band	66.04	3	198.12
	4-306/16t	Total	1,386.92	XX	2,839.88
18	4-306/14p	30" w/6" Slot Height - 14 gage	1,481.05	2	2,962.10
	4-306/14b	Band	74.05	3	222.15
	4-306/14t	Total	1,555.10	XX	3,184.25
19	4-302.5/16p	30" w/2.5" Slot Height - 16 gage	1,103.14	2	2,206.28
	4-302.5/16b	Band	55.16	3	165.48
	4-302.5/16t	Total	1,158.30	XX	2,371.76
20	4-302.5/14p	30" w/2.5" Slot Height - 14 gage	1,263.69	2	2,527.38
	4-302.5/14b	Band	63.18	3	189.54
	4-302.5/14t	Total	1,326.87	XX	2,716.92
21	4-366/16p	36" w/6" Slot Height - 16 gage	1,463.00	2	2,926.00
	4-366/16b	Band	73.15	3	219.45
	4-366/16t	Total	1,536.15	XX	3,145.45
22	4-366/14p	36" w/6" Slot Height - 14 gage	1,615.00	2	3,230.00
	4-366/14b	Band	80.75	3	242.25
	4-366/14t	Total	1,695.75	XX	3,472.25
23	4-362.5/16p	36" w/2.5" Slot Height - 16 gage	1,255.20	2	2,510.40
	4-362.5/16b	Band	62.76	3	188.28
	4-362.5/16t	Total	1,317.96	XX	2,698.68
24	4-362.5/14p	36" w/2.5" Slot Height - 14 gage	1,434.60	2	2,869.20
	4-362.5/14b	Band	71.73	3	215.19
	4-362.5/14t	Total	1,506.33	XX	3,084.39

ITEM 5

Part 5p = Pipe - Aluminum coated (aluminized) culvert pipe (type 1), reference section 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 5b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 5t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 5 Size	Unit Cost	Estimated Quantity	Extended Cost
1	5-12/16p	12" - 16 gage	143.14	2	286.28
	5-12/16b	Band	7.16	3	21.48
	5-12/16t	Total	150.30	XX	307.76
2	5-12/14p	12" - 14 gage	174.07	2	348.14
	5-12/14b	Band	8.70	3	26.10
	5-12/14t	Total	182.77	XX	374.24
3	5-15/16p	15" - 16 gage	177.62	2	355.24
	5-15/16b	Band	8.88	3	26.64
	5-15/16t	Total	186.50	XX	381.88
4	5-15/14p	15" - 14 gage	215.98	2	431.96
	5-15/14b	Band	10.80	3	32.40
	5-15/14t	Total	226.78	XX	464.36
5	5-18/16p	18" - 16 gage	211.42	2	422.84
	5-18/16b	Band	10.57	3	31.71
	5-18/16t	Total	221.99	XX	454.55
6	5-18/14p	18" - 14 gage	257.39	2	514.78
	5-18/14b	Band	12.87	3	38.61
	5-18/14t	Total	270.26	XX	553.39
7	5-18/12p	18" - 12 gage	353.38	2	706.76
	5-18/12b	Band	17.67	3	53.01
	5-18/12t	Total	371.05	XX	759.77
8	5-24/16p	24" - 16 gage	279.86	2	559.72
	5-24/16b	Band	13.99	3	41.97
	5-24/16t	Total	293.85	XX	601.69
9	5-24/14p	24" - 14 gage	340.70	2	681.40
	5-24/14b	Band	17.04	3	51.12
	5-24/14t	Total	357.74	XX	732.52
10	5-24/12p	24" - 12 gage	467.79	2	935.58
	5-24/12b	Band	23.39	3	70.17
	5-24/12t	Total	491.18	XX	1,005.75

ITEM 5

Part 5p = Pipe - Aluminum coated (aluminized) culvert pipe (type 1), reference section 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 5b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 5t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 5 Size	Unit Cost	Estimated Quantity	Extended Cost
11	5-30/16p	30" - 16 gage	348.14	2	696.28
	5-30/16b	Band	17.41	3	52.23
	5-30/16t	Total	365.55	XX	748.51
12	5-30/14p	30" - 14 gage	424.02	2	848.04
	5-30/14b	Band	21.20	3	63.60
	5-30/14t	Total	445.22	XX	911.64
13	5-30/12p	30" - 12 gage	582.04	2	1,164.08
	5-30/12b	Band	29.10	3	87.30
	5-30/12t	Total	611.14	XX	1,251.38
14	5-30/10p	30" - 10 gage	727.60	2	1,455.20
	5-30/10b	Band	36.38	3	109.14
	5-30/10t	Total	763.98	XX	1,564.34
15	5-36/16p	36" - 16 gage	417.09	2	834.18
	5-36/16b	Band	20.85	3	62.55
	5-36/16t	Total	437.94	XX	896.73
16	5-36/14p	36" - 14 gage	507.34	2	1,014.68
	5-36/14b	Band	25.37	3	76.11
	5-36/14t	Total	532.71	XX	1,090.79
17	5-36/12p	36" - 12 gage	696.45	2	1,392.90
	5-36/12b	Band	34.82	3	104.46
	5-36/12t	Total	731.27	XX	1,497.36
18	5-36/10p	36" - 10 gage	870.01	2	1,740.02
	5-36/10b	Band	43.50	3	130.50
	5-36/10t	Total	913.51	XX	1,870.52
19	5-42/16p	42" - 16 gage	485.54	2	971.08
	5-42/16b	Band	24.28	3	72.84
	5-42/16t	Total	509.82	XX	1,043.92
20	5-42/14p	42" - 14 gage	590.66	2	1,181.32
	5-42/14b	Band	29.53	3	88.59
	5-42/14t	Total	620.19	XX	1,269.91
21	5-42/12p	42" - 12 gage	810.19	2	1,620.38
	5-42/12b	Band	40.51	3	121.53
	5-42/12t	Total	850.70	XX	1,741.91
22	5-42/10p	42" - 10 gage	1,012.48	2	2,024.96
	5-42/10b	Band	50.62	3	151.86
	5-42/10t	Total	1,063.10	XX	2,176.82

ITEM 5

Part 5p = Pipe - Aluminum coated (aluminized) culvert pipe (type 1), reference section 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 5b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 5t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 5 Size	Unit Cost	Estimated Quantity	Extended Cost
23	5-48/16p	48" - 16 gage	553.98	2	1,107.96
	5-48/16b	Band	27.70	3	83.10
	5-48/16t	Total	581.68	XX	1,191.06
24	5-48/14p	48" - 14 gage	673.97	2	1,347.94
	5-48/14b	Band	33.70	3	101.10
	5-48/14t	Total	707.67	XX	1,449.04
25	5-48/12p	48" - 12 gage	924.60	2	1,849.20
	5-48/12b	Band	46.23	3	138.69
	5-48/12t	Total	970.83	XX	1,987.89
26	5-48/10p	48" - 10 gage	1,154.95	2	2,309.90
	5-48/10b	Band	57.75	3	173.25
	5-48/10t	Total	1,212.70	XX	2,483.15
27	5-54/16p	54" - 16 gage*	772.84	2	1,545.68
	5-54/16b	Band	38.64	3	115.92
	5-54/16t	Total	811.48	XX	1,661.60
28	5-54/14p	54" - 14 gage	756.78	2	1,513.56
	5-54/14b	Band	37.84	3	113.52
	5-54/14t	Total	794.62	XX	1,627.08
29	5-54/12p	54" - 12 gage	1,038.34	2	2,076.68
	5-54/12b	Band	51.92	3	155.76
	5-54/12t	Total	1,090.26	XX	2,232.44
30	5-54/10p	54" - 10 gage	1,297.41	2	2,594.82
	5-54/10b	Band	64.87	3	194.61
	5-54/10t	Total	1,362.28	XX	2,789.43
31	5-60/16p	60" - 16 gage*	857.34	2	1,714.68
	5-60/16b	Band	42.87	3	128.61
	5-60/16t	Total	900.21	XX	1,843.29
32	5-60/14p	60" - 14 gage*	1,061.15	2	2,122.30
	5-60/14b	Band	53.06	3	159.18
	5-60/14t	Total	1,114.21	XX	2,281.48
33	5-60/12p	60" - 12 gage	1,152.58	2	2,305.16
	5-60/12b	Band	57.63	3	172.89
	5-60/12t	Total	1,210.21	XX	2,478.05

ITEM 5

Part 5p = Pipe - Aluminum coated (aluminized) culvert pipe (type 1), reference section 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 5b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 5t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 5 Size	Unit Cost	Estimated Quantity	Extended Cost
34	5-60/10p	60" - 10 gage	1,439.88	2	2,879.76
	5-60/10b	Band	71.99	3	215.97
	5-60/10t	Total	1,511.87	XX	3,095.73
35	5-66/16p	66" - 16 gage*	941.67	2	1,883.34
	5-66/16b	Band	47.08	3	141.24
	5-66/16t	Total	988.75	XX	2,024.58
36	5-66/14p	66" - 14 gage*	1,165.59	2	2,331.18
	5-66/14b	Band	58.28	3	174.84
	5-66/14t	Total	1,223.87	XX	2,506.02
37	5-66/12p	66" - 12 gage	1,266.99	2	2,533.98
	5-66/12b	Band	63.35	3	190.05
	5-66/12t	Total	1,330.34	XX	2,724.03
38	5-66/10p	66" - 10 gage	1,582.52	2	3,165.04
	5-66/10b	Band	79.13	3	237.39
	5-66/10t	Total	1,661.65	XX	3,402.43
39	5-72/16p	72" - 16 gage*	1,026.17	2	2,052.34
	5-72/16b	Band	51.31	3	153.93
	5-72/16t	Total	1,077.48	XX	2,206.27
40	5-72/14p	72" - 14 gage*	1,270.04	2	2,540.08
	5-72/14b	Band	63.50	3	190.50
	5-72/14t	Total	1,333.54	XX	2,730.58
41	5-72/12p	72" - 12 gage*	1,708.25	2	3,416.50
	5-72/12b	Band	85.41	3	256.23
	5-72/12t	Total	1,793.66	XX	3,672.73
42	5-72/10p	72" - 10 gage	1,724.98	2	3,449.96
	5-72/10b	Band	86.25	3	258.75
	5-72/10t	Total	1,811.23	XX	3,708.71
43	5-84/16p	84" - 16 gage*	1,194.32	2	2,388.64
	5-84/16b	Band	59.72	3	179.16
	5-84/16t	Total	1,254.04	XX	2,567.80

ITEM 5

Part 5p = Pipe - Aluminum coated (aluminized) culvert pipe (type 1), reference section 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 5b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 5t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 5 Size	Unit Cost	Estimated Quantity	Extended Cost
44	5-84/14p	84" - 14 gage*	1,478.75	2	2,957.50
	5-84/14b	Band	73.94	3	221.82
	5-84/14t	Total	1,552.69	XX	3,179.32
45	5-84/12p	84" - 12 gage*	1,988.45	2	3,976.90
	5-84/12b	Band	99.42	3	298.26
	5-84/12t	Total	2,087.87	XX	4,275.16
46	5-84/10p	84" - 10 gage*	2,506.27	2	5,012.54
	5-84/10b	Band	125.31	3	375.93
	5-84/10t	Total	2,631.58	XX	5,388.47
47	5-96/16p	96" - 16 gage*	N/A	2	N/A
	5-96/16b	Band	N/A	3	N/A
	5-96/16t	Total	N/A	XX	N/A
48	5-96/14p	96" - 14 gage*	1,687.13	2	3,374.26
	5-96/14b	Band	84.36	3	253.08
	5-96/14t	Total	1,771.49	XX	3,627.34
49	5-96/12p	96" - 12 gage*	2,268.66	2	4,537.32
	5-96/12b	Band	113.43	3	340.29
	5-96/12t	Total	2,382.09	XX	4,877.61
50	5-96/10p	96" - 10 gage*	2,859.48	2	5,718.96
	5-96/10b	Band	142.97	3	428.91
	5-96/10t	Total	3,002.45	XX	6,147.87

* denotes 3"x1" or 5"x1" corrugation, per section 3.3.9 of the specifications

ITEM 6

Part 6p = Pipe - Aluminum coated (aluminized) steel culvert arch pipe (type II), reference sectionn 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 6b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 6t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 6		Estimated Quantity	Extended Cost
		Span x Rise	Unit Cost		
1	6-1713/16p	17" x 13" - 16 gage	190.80	2	381.60
	6-1713/16b	Band	9.54	3	28.62
	6-1713/16t	Total	200.34	XX	410.22
2	6-1713/14p	17" x 13" - 14 gage	229.33	2	458.66
	6-1713/14b	Band	11.47	3	34.41
	6-1713/14t	Total	240.80	XX	493.07
3	6-2115/16p	21" x 15" - 16 gage	225.78	2	451.56
	6-2115/16b	Band	11.29	3	33.87
	6-2115/16t	Total	237.07	XX	485.43
4	6-2115/14p	21" x 15" - 14 gage	271.75	2	543.50
	6-2115/14b	Band	13.59	3	40.77
	6-2115/14t	Total	285.34	XX	584.27
5	6-2115/12p	21" x 15" - 12 gage	367.74	2	735.48
	6-2115/12b	Band	18.39	3	55.17
	6-2115/12t	Total	386.13	XX	790.65
6	6-2820/16p	28" x 20" - 16 gage	297.61	2	595.22
	6-2820/16b	Band	14.88	3	44.64
	6-2820/16t	Total	312.49	XX	639.86
7	6-2820/14p	28" x 20" - 14 gage	358.62	2	717.24
	6-2820/14b	Band	17.93	3	53.79
	6-2820/14t	Total	376.55	XX	771.03
8	6-2820/12p	28" x 20" - 12 gage	485.54	2	971.08
	6-2820/12b	Band	24.28	3	72.84
	6-2820/12t	Total	509.82	XX	1,043.92
9	6-3524/16p	35" x 24" - 16 gage	367.74	2	735.48
	6-3524/16b	Band	18.39	3	55.17
	6-3524/16t	Total	386.13	XX	790.65

ITEM 6

Part 6p = Pipe - Aluminum coated (aluminized) steel culvert arch pipe (type II), reference sectionn 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 6b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 6t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 6 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
10	6-3524/14p	35" x 24" - 14 gage	443.63	2	887.26
	6-3524/14b	Band	22.18	3	66.54
	6-3524/14t	Total	465.81	XX	953.80
11	6-3524/12p	35" x 24" - 12 gage	601.64	2	1,203.28
	6-3524/12b	Band	30.08	3	90.24
	6-3524/12t	Total	631.72	XX	1,293.52
12	6-4229/16p	42" x 29" - 16 gage	438.39	2	876.78
	6-4229/16b	Band	21.92	3	65.76
	6-4229/16t	Total	460.31	XX	942.54
13	6-4229/14p	42" x 29" - 14 gage	528.63	2	1,057.26
	6-4229/14b	Band	26.43	3	79.29
	6-4229/14t	Total	555.06	XX	1,136.55
14	6-4229/12p	42" x 29" - 12 gage	717.74	2	1,435.48
	6-4229/12b	Band	35.89	3	107.67
	6-4229/12t	Total	753.63	XX	1,543.15
15	6-4229/10p	42" x 29" - 10 gage	891.14	2	1,782.28
	6-4229/10b	Band	44.56	3	133.68
	6-4229/10t	Total	935.70	XX	1,915.96
16	6-4933/14p	49" x 33" - 14 gage	614.32	2	1,228.64
	6-4933/14b	Band	30.72	3	92.16
	6-4933/14t	Total	645.04	XX	1,320.80
17	6-4933/12p	49" x 33" - 12 gage	833.68	2	1,667.36
	6-4933/12b	Band	41.68	3	125.04
	6-4933/12t	Total	875.36	XX	1,792.40
18	6-4933/10p	49" x 33" - 10 gage	1,035.97	2	2,071.94
	6-4933/10b	Band	51.80	3	155.40
	6-4933/10t	Total	1,087.77	XX	2,227.34
19	6-5738/12p	57" x 38" - 12 gage	950.46	2	1,900.92
	6-5738/12b	Band	47.52	3	142.56
	6-5738/12t	Total	997.98	XX	2,043.48
20	6-5738/10p	57" x 38" - 10 gage	1,180.80	2	2,361.60
	6-5738/10b	Band	59.04	3	177.12
	6-5738/10t	Total	1,239.84	XX	2,538.72

ITEM 6

Part 6p = Pipe - Aluminum coated (aluminized) steel culvert arch pipe (type II), reference sectionn 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 6b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 6t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 6		Estimated Quantity	Extended Cost
		Span x Rise	Unit Cost		
21	6-6443/12p	64" x 43" - 12 gage	1,066.39	2	2,132.78
	6-6443/12b	Band	53.32	3	159.96
	6-6443/12t	Total	1,119.71	XX	2,292.74
22	6-6443/10p	64" x 43" - 10 gage	1,325.64	2	2,651.28
	6-6443/10b	Band	66.28	3	198.84
	6-6443/10t	Total	1,391.92	XX	2,850.12
23	6-7147/10p	71" x 47" - 10 gage	1,470.98	2	2,941.96
	6-7147/10b	Band	73.55	3	220.65
	6-7147/10t	Total	1,544.53	XX	3,162.61
24	6-7355/12p	73" x 55" - 12 gage*	1,604.49	2	3,208.98
	6-7355/12b	Band	80.22	3	240.66
	6-7355/12t	Total	1,684.71	XX	3,449.64
25	6-7355/10p	73" x 55" - 10 gage*	2,012.79	2	4,025.58
	6-7355/10b	Band	100.64	3	301.92
	6-7355/10t	Total	2,113.43	XX	4,327.50
26	6-8159/12p	81" x 59" - 12 gage*	1,748.98	2	3,497.96
	6-8159/12b	Band	87.45	3	262.35
	6-8159/12t	Total	1,836.43	XX	3,760.31
27	6-8159/10p	81" x 59" - 10 gage*	2,193.62	2	4,387.24
	6-8159/10b	Band	109.68	3	329.04
	6-8159/10t	Total	2,303.30	XX	4,716.28
28	6-8357/12p	83" x 57" - 12 gage	N/A	2	N/A
	6-8357/12b	Band	N/A	3	N/A
	6-8357/12t	Total	N/A	XX	N/A
29	6-8357/10p	83" x 57" - 10 gage	N/A	2	N/A
	6-8357/10b	Band	N/A	3	N/A
	6-8357/10t	Total	N/A	XX	N/A
30	6-8763/12p	87" x 63" - 12 gage*	1,893.48	2	3,786.96
	6-8763/12b	Band	94.67	3	284.01
	6-8763/12t	Total	1,988.15	XX	4,070.97

ITEM 6

Part 6p = Pipe - Aluminum coated (aluminized) steel culvert arch pipe (type II), reference sectionn 713.2 of the Standard Specs and AASHTO M36.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 6b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 6t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 6 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
31	6-8763/10p	87" x 63" - 10 gage*	2,374.96	2	4,749.92
	6-8763/10b	Band	118.75	3	356.25
	6-8763/10t	Total	2,493.71	XX	5,106.17
32	6-9567/12p	95" x 67" - 12 gage*	2,037.80	2	4,075.60
	6-9567/12b	Band	101.89	3	305.67
	6-9567/12t	Total	2,139.69	XX	4,381.27
33	6-9567/10p	95" x 67" - 10 gage*	2,555.62	2	5,111.24
	6-9567/10b	Band	127.78	3	383.34
	6-9567/10t	Total	2,683.40	XX	5,494.58
34	6-10371/12p	103" x 71" - 12 gage*	2,182.97	2	4,365.94
	6-10371/12b	Band	109.15	3	327.45
	6-10371/12t	Total	2,292.12	XX	4,693.39
35	6-10371/10p	103" x 71" - 10 gage*	2,736.96	2	5,473.92
	6-10371/10b	Band	136.85	3	410.55
	6-10371/10t	Total	2,873.81	XX	5,884.47
36	6-12883/12p	128" x 83" - 12 gage*	N/A	2	N/A
	6-12883/12b	Band	N/A	3	N/A
	6-12883/12t	Total	N/A	XX	N/A

* denotes 3"x1" or 5"x1" corrugation, per section 3.3.9 of the specifications

ITEM 7

Part 7p = Pipe - Corrugated aluminum alloy under-drain pipe (type III), perforated, reference section 713.16 of the Standard Specs.

Pipe shall be in 20 foot sections. Unit Cost shall be per 20 foot sections.

Part 7b = Bands - Shall be the bands for the previous Pipe. Unit Cost shall be Each.

Part 7t = Total - Shall be the total cost for Part "p" and Part "b".

Line #	Item #	ITEM 7 Size	Unit Cost	Estimated Quantity	Extended Cost
1	7-6/16p	6" - 16 gage	136.00	2	272.00
	7-6/16b	Band	6.80	3	20.40
	7-6/16t	Total	142.80	XX	292.40

ITEM 8

- Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.
- Part 8b - Aluminum Assessories to be used with previous Shell and Invert. Unit Cost shall be Each.
- Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
1	8-892614a	8'9" x 2'6" 1.4' Cover 3-Sided Shell	180.09	2	360.18
	8-892620a	8'9" x 2'6" 2.0' Cover 3-Sided Shell	180.09	2	360.18
	8-892630a	8'9" x 2'6" 3.0' Cover 3-Sided Shell	180.09	2	360.18
	8-8926Ala	8'9" x 2'6" Full Aluminum Invert	105.57	2	211.14
	8-89Hb	8'9" Headwall	1272.02	1	1272.015
	8-89CPb	8'9" Corner Panel	704.84	1	704.835
	8-89WPb	8'9" Additional Wing Panel	582.71	1	582.705
	8-89t	Total	3205.40	XX	3851.24
2	8-923314a	9'2" x 3'3" 1.4' Cover 3-Sided Shell	209.07	2	418.14
	8-923320a	9'2" x 3'3" 2.0' Cover 3-Sided Shell	209.07	2	418.14
	8-923330a	9'2" x 3'3" 3.0' Cover 3-Sided Shell	209.07	2	418.14
	8-9233Ala	9'2" x 3'3" Full Aluminum Invert	105.57	2	211.14
	8-92Hb	9'2" Headwall	1373.45	1	1373.445
	8-92CPb	9'2" Corner Panel	760.73	1	760.725
	8-92WPb	9'2" Additional Wing Panel	623.07	1	623.07
	8-92t	Total	3490.02	XX	4222.80
3	8-974114a	9'7" x 4'1" 1.4' Cover 3-Sided Shell	223.56	2	447.12
	8-974120a	9'7" x 4'1" 2.0' Cover 3-Sided Shell	223.56	2	447.12
	8-974130a	9'7" x 4'1" 3.0' Cover 3-Sided Shell	223.56	2	447.12
	8-9741Ala	9'7" x 4'1" Full Aluminum Invert	111.78	2	223.56
	8-97Hb	9'7" Headwall	1475.91	1	1475.91
	8-97CPb	9'7" Corner Panel	816.62	1	816.615
	8-97WPb	9'7" Additional Wing Panel	664.47	1	664.47
	8-97t	Total	3739.46	XX	4521.92
4	8-10041014a	10'0" x 4'10" 1.4' Cover 3-Sided Shell	239.09	2	478.17
	8-10041020a	10'0" x 4'10" 2.0' Cover 3-Sided Shell	239.09	2	478.17
	8-10041030a	10'0" x 4'10" 3.0' Cover 3-Sided Shell	239.09	2	478.17
	8-100410Ala	10'0" x 4'10" Full Aluminum Invert	111.78	2	223.56
	8-100Hb	10'0" Headwall	1578.38	1	1578.375
	8-100CPb	10'0" Corner Panel	872.51	1	872.505
	8-100WPb	10'0" Additional Wing Panel	705.87	1	705.87
	8-100t	Total	3985.79	XX	4814.82
5	8-1022814a	10'2" x 2'8" 1.4' Cover 3-Sided Shell	247.37	2	494.73
	8-1022820a	10'2" x 2'8" 2.0' Cover 3-Sided Shell	222.53	2	445.05
	8-1022830a	10'2" x 2'8" 3.0' Cover 3-Sided Shell	222.53	2	445.05
	8-10228Ala	10'2" x 2'8" Full Aluminum Invert	117.99	2	235.98
	8-102Hb	10'2" Headwall	1441.76	1	1441.755
	8-102CPb	10'2" Corner Panel	760.73	1	760.725
	8-102WPb	10'2" Additional Wing Panel	623.07	1	623.07
	8-102t	Total	3635.96	XX	4446.36

ITEM 8

- Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.
- Part 8b - Aluminum Accessories to be used with previous Shell and invert. Unit Cost shall be Each.
- Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
6	8-1065714a	10'6" x 5'7" 1.4' Cover 3-Sided Shell	286.70	2	573.39
	8-1065720a	10'6" x 5'7" 2.0' Cover 3-Sided Shell	254.61	2	509.22
	8-1065730a	10'6" x 5'7" 3.0' Cover 3-Sided Shell	254.61	2	509.22
	8-10657A1a	10'6" x 5'7" Full Aluminum Invert	117.99	2	235.98
	8-106Hb	10'6" Headwall	1680.84	1	1680.84
	8-106CPb	10'6" Corner Panel	928.40	1	928.395
	8-106WPb	10'6" Additional Wing Panel	747.27	1	747.27
	8-106t	Total	4270.41	XX	5184.32
7	8-1073514a	10'7" x 3'5" 1.4' Cover 3-Sided Shell	268.07	2	536.13
	8-1073520a	10'7" x 3'5" 2.0' Cover 3-Sided Shell	240.12	2	480.24
	8-1073530a	10'7" x 3'5" 3.0' Cover 3-Sided Shell	240.12	2	480.24
	8-10735A1a	10'7" x 3'5" Full Aluminum Invert	117.99	2	235.98
	8-107Hb	10'7" Headwall	1548.36	1	1548.36
	8-107CPb	10'7" Corner Panel	816.62	1	816.615
	8-107WPb	10'7" Additional Wing Panel	664.47	1	664.47
	8-107t	Total	3895.74	XX	4762.04
8	8-10114314a	10'11" x 4'3" 1.4' Cover 3-Sided Shell	285.66	2	571.32
	8-10114320a	10'11" x 4'3" 2.0' Cover 3-Sided Shell	254.61	2	509.22
	8-10114330a	10'11" x 4'3" 3.0' Cover 3-Sided Shell	254.61	2	509.22
	8-101143A1a	10'11" x 4'3" Full Aluminum Invert	124.20	2	248.4
	8-1011Hb	10'11" Headwall	1783.31	1	1783.305
	8-1011CPb	10'11" Corner Panel	984.29	1	984.285
	8-1011WPb	10'11" Additional Wing Panel	788.67	1	788.67
	8-1011t	Total	4475.34	XX	5394.42
9	8-10116414a	10'11" x 6'4" 1.4' Cover 3-Sided Shell	304.29	2	608.58
	8-10116420a	10'11" x 6'4" 2.0' Cover 3-Sided Shell	270.14	2	540.27
	8-10116430a	10'11" x 6'4" 3.0' Cover 3-Sided Shell	270.14	2	540.27
	8-101164A1a	10'11" x 6'4" Full Aluminum Invert	124.20	2	248.4
	8-1011Hb	10'11" Headwall	1656.00	1	1656
	8-1011CPb	10'11" Corner Panel	872.51	1	872.505
	8-1011WPb	10'11" Additional Wing Panel	705.87	1	705.87
	8-1011t	Total	4203.14	XX	5171.90
10	8-1145014a	11'4" x 5'0" 1.4' Cover 3-Sided Shell	327.06	2	654.12
	8-1145020a	11'4" x 5'0" 2.0' Cover 3-Sided Shell	304.29	2	608.58
	8-1145030a	11'4" x 5'0" 3.0' Cover 3-Sided Shell	270.14	2	540.27
	8-11450A1a	11'4" x 5'0" Full Aluminum Invert	124.20	2	248.4
	8-114Hb	11'4" Headwall	1885.77	1	1885.77
	8-114CPb	11'4" Corner Panel	1040.18	1	1040.175
	8-114WPb	11'4" Additional Wing Panel	830.07	1	830.07
	8-114t	Total	4781.70	XX	5807.39
11	8-1147214a	11'4" x 7'2" 1.4' Cover 3-Sided Shell	326.03	2	652.05
	8-1147220a	11'4" x 7'2" 2.0' Cover 3-Sided Shell	326.03	2	652.05
	8-1147230a	11'4" x 7'2" 3.0' Cover 3-Sided Shell	285.66	2	571.32
	8-11472A1a	11'4" x 7'2" Full Aluminum Invert	125.24	2	250.47
	8-114Hb	11'4" Headwall	1808.15	1	1808.145
	8-114CPb	11'4" Corner Panel	910.80	1	910.8
	8-114WPb	11'4" Additional Wing Panel	744.17	1	744.165
	8-114t	Total	4526.06	XX	5589.00

ITEM 8

Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.

Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.

Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
12	8-11721014a	11'7" x 2'10" 1.4' Cover 3-Sided Shell	314.64	2	629.28
	8-11721020a	11'7" x 2'10" 2.0' Cover 3-Sided Shell	281.52	2	563.04
	8-11721030a	11'7" x 2'10" 3.0' Cover 3-Sided Shell	253.58	2	507.15
	8-117210A1a	11'7" x 2'10" Full Aluminum Invert	124.20	2	248.4
	8-117Hb	11'7" Headwall	1505.93	1	1505.925
	8-117CPb	11'7" Corner Panel	760.73	1	760.725
	8-117WPb	11'7" Additional Wing Panel	623.07	1	623.07
	8-117t	Total	3863.66	XX	4837.59
13	8-1185914a	11'8" x 5'9" 1.4' Cover 3-Sided Shell	342.59	2	685.17
	8-1185920a	11'8" x 5'9" 2.0' Cover 3-Sided Shell	322.92	2	645.84
	8-1185930a	11'8" x 5'9" 3.0' Cover 3-Sided Shell	285.66	2	571.32
	8-11859A1a	11'8" x 5'9" Full Aluminum Invert	131.45	2	262.89
	8-118Hb	11'8" Headwall	1907.51	1	1907.505
	8-118CPb	11'8" Corner Panel	963.59	1	963.585
	8-118WPb	11'8" Additional Wing Panel	782.46	1	782.46
	8-118t	Total	4736.16	XX	5818.77
14	8-11113714a	11'11" x 3'7" 1.4' Cover 3-Sided Shell	334.31	2	668.61
	8-11113720a	11'11" x 3'7" 2.0' Cover 3-Sided Shell	303.26	2	606.51
	8-11113730a	11'11" x 3'7" 3.0' Cover 3-Sided Shell	272.21	2	544.41
	8-111137A1a	11'11" x 3'7" Full Aluminum Invert	131.45	2	262.89
	8-1111Hb	11'11" Headwall	1599.08	1	1599.075
	8-1111CPb	11'11" Corner Panel	816.62	1	816.615
	8-1111WPb	11'11" Additional Wing Panel	664.47	1	664.47
	8-1111t	Total	4121.37	XX	5162.58
15	8-1216714a	12'1" x 6'7" 1.4' Cover 3-Sided Shell	358.11	2	716.22
	8-1216720a	12'1" x 6'7" 2.0' Cover 3-Sided Shell	336.38	2	672.75
	8-1216730a	12'1" x 6'7" 3.0' Cover 3-Sided Shell	301.19	2	602.37
	8-12167A1a	12'1" x 6'7" Full Aluminum Invert	131.45	2	262.89
	8-121Hb	12'1" Headwall	2025.50	1	2025.495
	8-121CPb	12'1" Corner Panel	1023.62	1	1023.615
	8-121WPb	12'1" Additional Wing Panel	828.00	1	828
	8-121t	Total	5004.23	XX	6131.34
16	8-1234514a	12'3" x 4'5" 1.4' Cover 3-Sided Shell	355.01	2	710.01
	8-1234520a	12'3" x 4'5" 2.0' Cover 3-Sided Shell	319.82	2	639.63
	8-1234530a	12'3" x 4'5" 3.0' Cover 3-Sided Shell	285.66	2	571.32
	8-12345A1a	12'3" x 4'5" 1.4' Full Aluminium Invert	1280.30	2	2560.59
	8-123Hb	12'3" Headwall	1701.54	1	1701.54
	8-123CPb	12'3" Corner Panel	872.51	1	872.505
	8-123WPb	12'3" Additional Wing Panel	705.87	1	705.87
	8-1230t	Total	5520.69	XX	7761.47
17	8-1257414a	12'5" x 7'4" 1.4' Cover 3-Sided Shell	407.79	2	815.58
	8-1257420a	12'5" x 7'4" 2.0' Cover 3-Sided Shell	374.67	2	749.34
	8-1257430a	12'5" x 7'4" 3.0' Cover 3-Sided Shell	316.71	2	633.42
	8-12574A1a	12'5" x 7'4" Full Aluminum Invert	131.45	2	262.89
	8-125Hb	12'5" Headwall	2134.17	1	2134.17
	8-125CPb	12'5" Corner Panel	1079.51	1	1079.505
	8-125WPb	12'5" Additional Wing Panel	869.40	1	869.4
	8-125t	Total	5313.69	XX	6544.31

ITEM 8

- Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.
- Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.
- Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
18	8-1275214a	12'7" x 5'2" 1.4' Cover 3-Sided Shell	407.79		0
	8-1275220a	12'7" x 5'2" 2.0' Cover 3-Sided Shell	374.67	2	749.34
	8-1275230a	12'7" x 5'2" 3.0' Cover 3-Sided Shell	302.22	2	604.44
	8-12752A1a	12'7" x 5'2" Full Aluminum Invert	137.66	2	275.31
	8-127Hb	12'7" Headwall	1804.01	1	1804.005
	8-127CPb	12'7" Corner Panel	928.40	1	928.395
	8-127WPb	12'7" Additional Wing Panel	747.27	1	747.27
	8-127t	Total	4702.01	XX	5108.76
19	8-12116014a	12'11" x 6'0" 1.4' Cover 3-Sided Shell	424.35	2	848.7
	8-12116020a	12'11" x 6'0" 2.0' Cover 3-Sided Shell	393.30	2	786.6
	8-12116030a	12'11" x 6'0" 3.0' Cover 3-Sided Shell	317.75	2	635.49
	8-121160A1a	12'11" x 6'0" Full Aluminum Invert	137.66	2	275.31
	8-1211Hb	12'11" Headwall	1906.47	1	1906.47
	8-1211CPb	12'11" Corner Panel	984.29	1	984.285
	8-1211WPb	12'11" Additional Wing Panel	788.67	1	788.67
	8-1211t	Total	4952.48	XX	6225.53
20	8-1303014a	13'0" x 3'0" 1.4' Cover 3-Sided Shell	379.85	2	759.69
	8-1303020a	13'0" x 3'0" 2.0' Cover 3-Sided Shell	347.76	2	695.52
	8-1303030a	13'0" x 3'0" 3.0' Cover 3-Sided Shell	316.71	2	633.42
	8-13030A1a	13'0" x 3'0" Full Aluminum Invert	137.66	2	275.31
	8-130Hb	13'0" Headwall	1549.40	1	1549.395
	8-130CPb	13'0" Corner Panel	760.73	1	760.725
	8-130WPb	13'0" Additional Wing Panel	623.07	1	623.07
	8-130t	Total	4115.16	XX	5297.13
21	8-1336914a	13'3" x 6'9" 1.4' Cover 3-Sided Shell	439.88	2	879.75
	8-1336920a	13'3" x 6'9" 2.0' Cover 3-Sided Shell	409.86	2	819.72
	8-1336930a	13'3" x 6'9" 3.0' Cover 3-Sided Shell	377.78	2	755.55
	8-13369A1a	13'3" x 6'9" Full Aluminum Invert	142.83	2	285.66
	8-133Hb	13'3" Headwall	2008.94	1	2008.935
	8-133CPb	13'3" Corner Panel	1040.18	1	1040.175
	8-133WPb	13'3" Additional Wing Panel	830.07	1	830.07
	8-133t	Total	5249.52	XX	6619.86
22	8-13431014a	13'4" x 3'10" 1.4' Cover 3-Sided Shell	427.46	2	854.91
	8-13431020a	13'4" x 3'10" 2.0' Cover 3-Sided Shell	372.60	2	745.2
	8-13431030a	13'4" x 3'10" 3.0' Cover 3-Sided Shell	337.41	2	674.82
	8-134310A1a	13'4" x 3'10" Full Aluminum Invert	143.87	2	287.73
	8-134Hb	13'4" Headwall	1651.86	1	1651.86
	8-134CPb	13'4" Corner Panel	816.62	1	816.615
	8-134WPb	13'4" Additional Wing Panel	664.47	1	664.47
	8-134t	Total	4414.28	XX	5695.61
23	8-1374714a	13'7" x 4'7" 1.4' Cover 3-Sided Shell	446.09	2	892.17
	8-1374720a	13'7" x 4'7" 2.0' Cover 3-Sided Shell	426.42	2	852.84
	8-1374730a	13'7" x 4'7" 3.0' Cover 3-Sided Shell	353.97	2	707.94
	8-13747A1a	13'7" x 4'7" Full Aluminum Invert	143.87	2	287.73
	8-137Hb	13'7" Headwall	1754.33	1	1754.325
	8-137CPb	13'7" Corner Panel	872.51	1	872.505
	8-137WPb	13'7" Additional Wing Panel	705.87	1	705.87
	8-137t	Total	4703.04	XX	6073.38

ITEM 8

Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.

Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.

Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
24	8-13105514a	13'10" x 5'5" 1.4' Cover 3-Sided Shell	463.97	2	927.9396
	8-13105520a	13'10" x 5'5" 2.0' Cover 3-Sided Shell	463.97	2	927.9396
	8-13105530a	13'10" x 5'5" 3.0' Cover 3-Sided Shell	369.50	2	738.99
	8-131055Ala	13'10" x 5'5" Full Aluminum Invert	143.87	2	287.73
	8-1310Hb	13'10" Headwall	1856.79	1	1856.79
	8-1310CPb	13'10" Corner Panel	928.40	1	928.395
	8-1310WPb	13'10" Additional Wing Panel	747.27	1	747.27
	8-1310t	Total	4973.75	XX	6415.05
25	8-1416214a	14'1" x 6'2" 1.4' Cover 3-Sided Shell	505.08	2	1010.16
	8-1416220a	14'1" x 6'2" 2.0' Cover 3-Sided Shell	471.96	2	943.92
	8-1416230a	14'1" x 6'2" 3.0' Cover 3-Sided Shell	393.30	2	786.6
	8-14162Aia	14'1" x 6'2" Full Aluminium Invert	157.32	2	314.64
	8-141Hb	14'1" Headwall	1959.26	1	1959.255
	8-141CPb	14'1" Corner Panel	984.29	1	984.285
	8-141WPb	14'1" Additional Wing Panel	789.71	1	789.705
	8-141t	Total	5260.91	XX	6788.57
26	8-1453314a	14'5" x 3'3" 1.4' Cover 3-Sided Shell	479.21	2	958.41
	8-1453320a	14'5" x 3'3" 2.0' Cover 3-Sided Shell	446.09	2	892.17
	8-1453330a	14'5" x 3'3" 3.0' Cover 3-Sided Shell	383.99	2	767.97
	8-14533Ala	14'5" x 3'3" Full Aluminum Invert	187.34	2	374.67
	8-145Hb	14'5" Headwall	1651.86	1	1651.86
	8-145CPb	14'5" Corner Panel	760.73	1	760.725
	8-145WPb	14'5" Additional Wing Panel	623.07	1	623.07
	8-145t	Total	4532.27	XX	6028.88
27	8-1484114a	14'8" x 4'1" 1.4' Cover 3-Sided Shell	510.26	2	1020.51
	8-1484120a	14'8" x 4'1" 2.0' Cover 3-Sided Shell	465.75	2	931.5
	8-1484130a	14'8" x 4'1" 3.0' Cover 3-Sided Shell	402.62	2	805.23
	8-14841Ala	14'8" x 4'1" Full Aluminum Invert	187.34	2	374.67
	8-148Hb	14'8" Headwall	1758.47	1	1758.465
	8-148CPb	14'8" Corner Panel	816.62	1	816.615
	8-148WPb	14'8" Additional Wing Panel	664.47	1	664.47
	8-148t	Total	4805.51	XX	6371.46
28	8-141041014a	14'10" x 4'10" 1.4' Cover 3-Sided Shell	538.20	2	1076.4
	8-141041020a	14'10" x 4'10" 2.0' Cover 3-Sided Shell	499.91	2	999.81
	8-141041030a	14'10" x 4'10" 3.0' Cover 3-Sided Shell	424.35	2	848.7
	8-1410410Ala	14'10" x 4'10" Full Aluminum Invert	187.34	2	374.67
	8-1410Hb	14'10" Headwall	1868.18	1	1868.175
	8-1410CPb	14'10" Corner Panel	872.51	1	872.505
	8-1410WPb	14'10" Additional Wing Panel	706.91	1	706.905
	8-1410t	Total	5097.38	XX	6747.17
29	8-1515814a	15'1" x 5'8" 1.4' Cover 3-Sided Shell	551.66	2	1103.31
	8-1515820a	15'1" x 5'8" 2.0' Cover 3-Sided Shell	527.85	2	1055.7
	8-1515830a	15'1" x 5'8" 3.0' Cover 3-Sided Shell	451.26	2	902.52
	8-15158Ala	15'1" x 5'8" Full Aluminum Invert	194.58	2	389.16
	8-151Hb	15'1" Headwall	1976.85	1	1976.85
	8-151CPb	15'1" Corner Panel	100.40	1	100.395
	8-151WPb	15'1" Additional Wing Panel	747.27	1	747.27
	8-151t	Total	4549.86	XX	6275.21

ITEM 8

- Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.
- Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.
- Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
30	8-1546514a	15'4" x 6'5" 1.4' Cover 3-Sided Shell	589.95	2	1179.9
	8-1546520a	15'4" x 6'5" 2.0' Cover 3-Sided Shell	543.38	2	1086.75
	8-1546530a	15'4" x 6'5" 3.0' Cover 3-Sided Shell	466.79	2	933.57
	8-15465A1a	15'4" x 6'5" Full Aluminum Invert	193.55	2	387.09
	8-154Hb	15'4" Headwall	2085.53	1	2085.525
	8-154CPb	15'4" Corner Panel	984.29	1	984.285
	8-154WPb	15'4" Additional Wing Panel	789.71	1	789.705
	8-154t	Total	5653.17	XX	7446.83
31	8-1567314a	15'6" x 7'3" 1.4' Cover 3-Sided Shell	621.00	2	1242
	8-1567320a	15'6" x 7'3" 2.0' Cover 3-Sided Shell	558.90	2	1117.8
	8-1567330a	15'6" x 7'3" 3.0' Cover 3-Sided Shell	482.31	2	964.62
	8-15673A1a	15'6" x 7'3" Full Aluminum Invert	195.62	2	391.23
	8-156Hb	15'6" Headwall	2194.20	1	2194.2
	8-156CPb	15'6" Corner Panel	1040.18	1	1040.175
	8-156WPb	15'6" Additional Wing Panel	830.07	1	830.07
	8-156t	Total	5922.27	XX	7780.10
32	8-1598014a	15'9" x 8'0" 1.4' Cover 3-Sided Shell	631.35	2	1262.7
	8-1598020a	15'9" x 8'0" 2.0' Cover 3-Sided Shell	610.65	2	1221.3
	8-1598030a	15'9" x 8'0" 3.0' Cover 3-Sided Shell	537.17	2	1074.33
	8-15980A1a	15'9" x 8'0" Full Aluminum Invert	199.76	2	399.51
	8-159Hb	15'9" Headwall	2302.88	1	2302.875
	8-159CPb	15'9" Corner Panel	1097.10	1	1097.1
	8-159WPb	15'9" Additional Wing Panel	871.47	1	871.47
	8-159t	Total	6250.37	XX	8229.29
33	8-15103614a	15'10" x 3'6" 1.4' Cover 3-Sided Shell	580.64	2	1161.27
	8-15103620a	15'10" x 3'6" 2.0' Cover 3-Sided Shell	536.13	2	1072.26
	8-15103630a	15'10" x 3'6" 3.0' Cover 3-Sided Shell	457.47	2	914.94
	8-151036A1a	15'10" x 3'6" Full Aluminum Invert	201.83	2	403.65
	8-1510Hb	15'10" Headwall	1781.24	1	1781.235
	8-1510CPb	15'10" Corner Panel	817.65	1	817.65
	8-1510WPb	15'10" Additional Wing Panel	664.47	1	664.47
	8-1510t	Total	5039.42	XX	6815.48
34	8-1604314a	16'0" x 4'3" 1.4' Cover 3-Sided Shell	619.97	2	1239.93
	8-1604320a	16'0" x 4'3" 2.0' Cover 3-Sided Shell	574.43	2	1148.85
	8-1604330a	16'0" x 4'3" 3.0' Cover 3-Sided Shell	486.45	2	972.9
	8-16043A1a	16'0" x 4'3" Full Aluminum Invert	198.72	2	397.44
	8-160Hb	16'0" Headwall	1873.35	1	1873.35
	8-160CPb	16'0" Corner Panel	872.51	1	872.505
	8-160WPb	16'0" Additional Wing Panel	705.87	1	705.87
	8-160t	Total	5331.29	XX	7210.85
35	8-1625114a	16'2" x 5'1" 1.4' Cover 3-Sided Shell	636.53	2	1273.05
	8-1625120a	16'2" x 5'1" 2.0' Cover 3-Sided Shell	590.99	2	1181.97
	8-1625130a	16'2" x 5'1" 3.0' Cover 3-Sided Shell	496.80	2	993.6
	8-16251A1a	16'2" x 5'1" Full Aluminum Invert	198.72	2	397.44
	8-162Hb	16'2" Headwall	1986.17	1	1986.165
	8-162CPb	16'2" Corner Panel	928.40	1	928.395
	8-162WPb	16'2" Additional Wing Panel	747.27	1	747.27
	8-162t	Total	5584.86	XX	7507.89

ITEM 8

- Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.
- Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.
- Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
36	8-16451114a	16'4" x 5'11" 1.4' Cover 3-Sided Shell	666.54	2	1333.08
	8-16451120a	16'4" x 5'11" 2.0' Cover 3-Sided Shell	608.58	2	1217.16
	8-16451130a	16'4" x 5'11" 3.0' Cover 3-Sided Shell	505.08	2	1010.16
	8-164511Ala	16'4" x 5'11" Full Aluminium Invert	199.76	2	399.51
	8-164Hb	16'4" Headwall	2088.63	1	2088.63
	8-164CPb	16'4" Corner Panel	984.29	1	984.285
	8-164WPb	16'4" Additional Wing Panel	789.71	1	789.705
	8-164t	Total	5842.58	XX	7822.53
37	8-1666814a	16'6" x 6'8" 1.4' Cover 3-Sided Shell	711.05	2	1422.09
	8-1666820a	16'6" x 6'8" 2.0' Cover 3-Sided Shell	641.70	2	1283.4
	8-1666830a	16'6" x 6'8" 3.0' Cover 3-Sided Shell	538.20	2	1076.4
	8-16668Ala	16'6" x 6'8" Full Aluminum Invert	207.00	2	414
	8-166Hb	16'6" Headwall	2191.10	1	2191.095
	8-166CPb	16'6" Corner Panel	1040.18	1	1040.175
	8-166WPb	16'6" Additional Wing Panel	830.07	1	830.07
	8-166t	Total	6159.29	XX	8257.23
38	8-1687614a	16'8" x 7'6" 1.4' Cover 3-Sided Shell	737.96	2	1475.91
	8-1687620a	16'8" x 7'6" 2.0' Cover 3-Sided Shell	659.30	2	1318.59
	8-1687630a	16'8" x 7'6" 3.0' Cover 3-Sided Shell	589.95	2	1179.9
	8-16876Ala	16'8" x 7'6" Full Aluminum Invert	207.00	2	414
	8-168Hb	16'8" Headwall	2293.56	1	2293.56
	8-168CPb	16'8" Corner Panel	1096.07	1	1096.065
	8-168WPb	16'8" Additional Wing Panel	871.47	1	871.47
	8-168t	Total	6455.30	XX	8649.50
39	8-16108314a	16'10" x 8'3" 1.4' Cover 3-Sided Shell	765.90	2	1531.8
	8-16108320a	16'10" x 8'3" 2.0' Cover 3-Sided Shell	683.10	2	1366.2
	8-16108330a	16'10" x 8'3" 3.0' Cover 3-Sided Shell	602.37	2	1204.74
	8-161083Ala	16'10" x 8'3" Full Aluminum Invert	207.00	2	414
	8-1610Hb	16'10" Headwall	2396.03	1	2396.025
	8-1610CPb	16'10" Corner Panel	1367.24	1	1367.235
	8-1610WPb	16'10" Additional Wing Panel	1128.15	1	1128.15
	8-1610t	Total	7149.78	XX	9408.15
40	8-17931014a	17'9" x 3'10" 1.4' Cover 3-Sided Shell	674.82	2	1349.64
	8-17931020a	17'9" x 3'10" 2.0' Cover 3-Sided Shell	626.18	2	1252.35
	8-17931030a	17'9" x 3'10" 3.0' Cover 3-Sided Shell	523.71	2	1047.42
	8-179310Ala	17'9" x 3'10" Full Aluminum Invert	224.60	2	449.19
	8-179Hb	17'9" Headwall	1929.24	1	1929.24
	8-179CPb	17'9" Corner Panel	816.62	1	816.615
	8-179WPb	17'9" Additional Wing Panel	664.47	1	664.47
	8-179t	Total	5459.63	XX	7508.93
41	8-1824714a	18'2" x 4'7" 1.4' Cover 3-Sided Shell	719.33	2	1438.65
	8-1824720a	18'2" x 4'7" 2.0' Cover 3-Sided Shell	683.10	2	1366.2
	8-1824730a	18'2" x 4'7" 3.0' Cover 3-Sided Shell	569.25	2	1138.5
	8-18247Ala	18'2" x 4'7" Full Aluminum Invert	230.81	2	461.61
	8-182Hb	18'2" Headwall	2037.92	1	2037.915
	8-182CPb	18'2" Corner Panel	872.51	1	872.505
	8-182WPb	18'2" Additional Wing Panel	705.87	1	705.87
	8-182t	Total	5818.77	XX	8021.25

ITEM 8

Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.

Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.

Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8		Estimated Quantity	Extended Cost
		Span x Rise	Unit Cost		
42	8-1875414a	18'7" x 5'4" 1.4' Cover 3-Sided Shell	766.94	2	1533.87
	8-1875420a	18'7" x 5'4" 2.0' Cover 3-Sided Shell	703.80	2	1407.6
	8-1875430a	18'7" x 5'4" 3.0' Cover 3-Sided Shell	600.30	2	1200.6
	8-18754Ala	18'7" x 5'4" Full Aluminum Invert	229.77	2	459.54
	8-187Hb	18'7" Headwall	2145.56	1	2145.555
	8-187CPb	18'7" Corner Panel	928.40	1	928.395
	8-187WPb	18'7" Additional Wing Panel	747.27	1	747.27
	8-187t	Total		6122.03	XX
43	8-1906114a	19'0" x 6'1" 1.4' Cover 3-Sided Shell	809.37	2	1618.74
	8-1906120a	19'0" x 6'1" 2.0' Cover 3-Sided Shell	737.96	2	1475.91
	8-1906130a	19'0" x 6'1" 3.0' Cover 3-Sided Shell	645.84	2	1291.68
	8-19061Ala	19'0" x 6'1" Full Aluminum Invert	235.98	2	471.96
	8-190Hb	19'0" Headwall	2253.20	1	2253.195
	8-190CPb	19'0" Corner Panel	984.29	1	984.285
	8-190WPb	19'0" Additional Wing Panel	789.71	1	789.705
	8-190t	Total		6456.33	XX
44	8-1914214a	19'1" x 4'2" 1.4' Cover 3-Sided Shell	786.42	2	1572.84
	8-1914220a	19'1" x 4'2" 2.0' Cover 3-Sided Shell	719.10	2	1438.2
	8-1914230a	19'1" x 4'2" 3.0' Cover 3-Sided Shell	612.00	2	1224
	8-19142Ala	19'1" x 4'2" Full Aluminum Invert	232.56	2	465.12
	8-191Hb	19'1" Headwall	2102.22	1	2102.22
	8-191CPb	19'1" Corner Panel	859.86	1	859.86
	8-191WPb	19'1" Additional Wing Panel	695.64	1	695.64
	8-191t	Total		6007.80	XX
45	8-19541114a	19'5" x 4'11" 1.4' Cover 3-Sided Shell	831.30	2	1662.6
	8-19541120a	19'5" x 4'11" 2.0' Cover 3-Sided Shell	765.00	2	1530
	8-19541130a	19'5" x 4'11" 3.0' Cover 3-Sided Shell	678.30	2	1356.6
	8-195411Ala	19'5" x 4'11" Full Aluminum Invert	232.56	2	465.12
	8-195Hb	19'5" Headwall	2216.46	1	2216.46
	8-195CPb	19'5" Corner Panel	914.94	1	914.94
	8-195WPb	19'5" Additional Wing Panel	736.44	1	736.44
	8-195t	Total		6375.00	XX
46	8-19561114a	19'5" x 6'11" 1.4' Cover 3-Sided Shell	819.06	2	1638.12
	8-19561120a	19'5" x 6'11" 2.0' Cover 3-Sided Shell	759.90	2	1519.8
	8-19561130a	19'5" x 6'11" 3.0' Cover 3-Sided Shell	668.10	2	1336.2
	8-195611Ala	19'5" x 6'11" Full Aluminum Invert	232.56	2	465.12
	8-195Hb	19'5" Headwall	2216.46	1	2216.46
	8-195CPb	19'5" Corner Panel	914.94	1	914.94
	8-195WPb	19'5" Additional Wing Panel	736.44	1	736.44
	8-195t	Total		6347.46	XX
47	8-1995814a	19'9" x 5'8" 1.4' Cover 3-Sided Shell	744.60	2	1489.2
	8-1995820a	19'9" x 5'8" 2.0' Cover 3-Sided Shell	801.72	2	1603.44
	8-1995830a	19'9" x 5'8" 3.0' Cover 3-Sided Shell	701.76	2	1403.52
	8-19958Ala	19'9" x 5'8" Full Aluminum Invert	239.70	2	479.4
	8-199Hb	19'9" Headwall	2330.70	1	2330.7
	8-199CPb	19'9" Corner Panel	971.04	1	971.04
	8-199WPb	19'9" Additional Wing Panel	63.24	1	63.24
	8-199t	Total		5852.76	XX

ITEM 8

Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.

Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.

Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
48	8-19107814a	19'10" x 7'8" 1.4' Cover 3-Sided Shell	851.70	2	1703.4
	8-19107820a	19'10" x 7'8" 2.0' Cover 3-Sided Shell	818.04	2	1636.08
	8-19107830a	19'10" x 7'8" 3.0' Cover 3-Sided Shell	697.68	2	1395.36
	8-191078A1a	19'10" x 7'8" Full Aluminum Invert	238.68	2	477.36
	8-1910Hb	19'10" Headwall	2434.74	1	2434.74
	8-1910CPb	19'10" Corner Panel	1081.20	1	1081.2
	8-1910WPb	19'10" Additional Wing Panel	858.84	1	858.84
	8-1910t	Total	6980.88	XX	9586.98
49	8-2016614a	20'1" x 6'6" 1.4' Cover 3-Sided Shell	831.30	2	1662.6
	8-2016620a	20'1" x 6'6" 2.0' Cover 3-Sided Shell	831.30	2	1662.6
	8-2016630a	20'1" x 6'6" 3.0' Cover 3-Sided Shell	761.94	2	1523.88
	8-20166A1a	20'1" x 6'6" Full Aluminum Invert	239.70	2	479.4
	8-201Hb	20'1" Headwall	2442.90	1	2442.9
	8-201CPb	20'1" Corner Panel	1025.10	1	1025.1
	8-201WPb	20'1" Additional Wing Panel	818.04	1	818.04
	8-201t	Total	6950.28	XX	9614.52
50	8-2038514a	20'3" x 8'5" 1.4' Cover 3-Sided Shell	867.00	2	1734
	8-2038520a	20'3" x 8'5" 2.0' Cover 3-Sided Shell	851.70	2	1703.4
	8-2038530a	20'3" x 8'5" 3.0' Cover 3-Sided Shell	775.20	2	1550.4
	8-20385A1a	20'3" x 8'5" Full Aluminum Invert	238.68	2	477.36
	8-203Hb	20'3" Headwall	2539.80	1	2539.8
	8-203CPb	20'3" Corner Panel	1347.42	1	1347.42
	8-203WPb	20'3" Additional Wing Panel	1111.80	1	1111.8
	8-203t	Total	7731.60	XX	10464.18
51	8-2044614a	20'4" x 4'6" 1.4' Cover 3-Sided Shell	867.00	2	1734
	8-2044620a	20'4" x 4'6" 2.0' Cover 3-Sided Shell	823.14	2	1646.28
	8-2044630a	20'4" x 4'6" 3.0' Cover 3-Sided Shell	823.14	2	1646.28
	8-20446A1a	20'4" x 4'6" Full Aluminum Invert	238.68	2	477.36
	8-204Hb	20'4" Headwall	2187.90	1	2187.9
	8-204CPb	20'4" Corner Panel	859.86	1	859.86
	8-204WPb	20'4" Additional Wing Panel	695.64	1	695.64
	8-204t	Total	6495.36	XX	9247.32
52	8-2067314a	20'6" x 7'3" 1.4' Cover 3-Sided Shell	817.02	2	1634.04
	8-2067320a	20'6" x 7'3" 2.0' Cover 3-Sided Shell	869.04	2	1738.08
	8-2067330a	20'6" x 7'3" 3.0' Cover 3-Sided Shell	780.30	2	1560.6
	8-20673A1a	20'6" x 7'3" Full Aluminum Invert	245.82	2	491.64
	8-206Hb	20'6" Headwall	2557.14	1	2557.14
	8-206CPb	20'6" Corner Panel	1080.18	1	1080.18
	8-206WPb	20'6" Additional Wing Panel	858.84	1	858.84
	8-206t	Total	7208.34	XX	9920.52
53	8-2075314a	20'7" x 5'3" 1.4' Cover 3-Sided Shell	921.06	2	1842.12
	8-2075320a	20'7" x 5'3" 2.0' Cover 3-Sided Shell	880.26	2	1760.52
	8-2075330a	20'7" x 5'3" 3.0' Cover 3-Sided Shell	765.00	2	1530
	8-20753A1a	20'7" x 5'3" Full Aluminum Invert	255.00	2	510
	8-207Hb	20'7" Headwall	2295.00	1	2295
	8-207CPb	20'7" Corner Panel	914.94	1	914.94
	8-207WPb	20'7" Additional Wing Panel	736.44	1	736.44
	8-207t	Total	6767.70	XX	9589.02

ITEM 8

Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.

Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.

Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
54	8-20108114a	20'10" x 8'1" 1.4' Cover 3-Sided Shell	836.40	2	1672.8
	8-20108120a	20'10" x 8'1" 2.0' Cover 3-Sided Shell	887.40	2	1774.8
	8-20108130a	20'10" x 8'1" 3.0' Cover 3-Sided Shell	798.66	2	1597.32
	8-201081Ala	20'10" x 8'1" Full Aluminum Invert	255.00	2	510
	8-2010Hb	20'10" Headwall	2670.36	1	2670.36
	8-2010CPb	20'10" Corner Panel	1347.42	1	1347.42
	8-2010WPb	20'10" Additional Wing Panel	1111.80	1	1111.8
	8-2010t	Total	7907.04	XX	10684.50
55	8-20116114a	20'11" x 6'1" 1.4' Cover 3-Sided Shell	927.18	2	1854.36
	8-20116120a	20'11" x 6'1" 2.0' Cover 3-Sided Shell	887.40	2	1774.8
	8-20116130a	20'11" x 6'1" 3.0' Cover 3-Sided Shell	795.60	2	1591.2
	8-201161Ala	20'11" x 6'1" Full Aluminum Invert	255.00	2	510
	8-2011Hb	20'11" Headwall	2401.08	1	2401.08
	8-2011CPb	20'11" Corner Panel	970.02	1	970.02
	8-2011WPb	20'11" Additional Wing Panel	778.26	1	778.26
	8-2011t	Total	7014.54	XX	9879.72
56	8-21281014a	21'2" x 8'10" 1.4' Cover 3-Sided Shell	979.20	2	1958.4
	8-21281020a	21'2" x 8'10" 2.0' Cover 3-Sided Shell	891.48	2	1782.96
	8-21281030a	21'2" x 8'10" 3.0' Cover 3-Sided Shell	816.00	2	1632
	8-212810Ala	21'2" x 8'10" Full Aluminum Invert	253.98	2	507.96
	8-212Hb	21'2" Headwall	2784.60	1	2784.6
	8-212CPb	21'2" Corner Panel	1402.50	1	1402.5
	8-212WPb	21'2" Additional Wing Panel	1152.60	1	1152.6
	8-212t	Total	8280.36	XX	11221.02
57	8-21361014a	21'3" x 6'10" 1.4' Cover 3-Sided Shell	979.20	2	1958.4
	8-21361020a	21'3" x 6'10" 2.0' Cover 3-Sided Shell	904.74	2	1809.48
	8-21361030a	21'3" x 6'10" 3.0' Cover 3-Sided Shell	813.96	2	1627.92
	8-213610Ala	21'3" x 6'10" Full Aluminum Invert	255.00	2	510
	8-213Hb	21'3" Headwall	2509.20	1	2509.2
	8-213CPb	21'3" Corner Panel	1025.10	1	1025.1
	8-213WPb	21'3" Additional Wing Panel	819.06	1	819.06
	8-213t	Total	7306.26	XX	10259.16
58	8-2167814a	21'6" x 7'8" 1.4' Cover 3-Sided Shell	999.60	2	1999.2
	8-2167820a	21'6" x 7'8" 2.0' Cover 3-Sided Shell	918.00	2	1836
	8-2167830a	21'6" x 7'8" 3.0' Cover 3-Sided Shell	816.00	2	1632
	8-21678Ala	21'6" x 7'8" Full Aluminum Invert	260.10	2	520.2
	8-216Hb	21'6" Headwall	2614.26	1	2614.26
	8-216CPb	21'6" Corner Panel	1081.20	1	1081.2
	8-216WPb	21'6" Additional Wing Panel	858.84	1	858.84
	8-216t	Total	7548.00	XX	10541.70
59	8-21741114a	21'7" x 4'11" 1.4' Cover 3-Sided Shell	960.84	2	1921.68
	8-21741120a	21'7" x 4'11" 2.0' Cover 3-Sided Shell	882.30	2	1764.6
	8-21741130a	21'7" x 4'11" 3.0' Cover 3-Sided Shell	51.00	2	102
	8-217411Ala	21'7" x 4'11" Full Aluminum Invert	260.10	2	520.2
	8-217Hb	21'7" Headwall	2347.02	1	2347.02
	8-217CPb	21'7" Corner Panel	897.60	1	897.6
	8-217WPb	21'7" Additional Wing Panel	733.38	1	733.38
	8-217t	Total	6132.24	XX	8286.48

ITEM 8

Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.

Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.

Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
60	8-21105814a	21'10" x 5'8" 1.4' Cover 3-Sided Shell	985.32	2	1970.64
	8-21105820a	21'10" x 5'8" 2.0' Cover 3-Sided Shell	955.74	2	1911.48
	8-21105830a	21'10" x 5'8" 3.0' Cover 3-Sided Shell	938.40	2	1876.8
	8-211058Ala	21'10" x 5'8" Full Aluminum Invert	267.24	2	534.48
	8-2110Hb	21'10" Headwall	2720.34	1	2720.34
	8-2110CPb	21'10" Corner Panel	1347.42	1	1347.42
	8-2110WPb	21'10" Additional Wing Panel	1111.80	1	1111.8
	8-2110t	Total	8326.26	XX	11472.96
61	8-21108514a	21'10" x 8'5" 1.4' Cover 3-Sided Shell	1015.92	2	2031.84
	8-21108520a	21'10" x 8'5" 2.0' Cover 3-Sided Shell	955.74	2	1911.48
	8-21108530a	21'10" x 8'5" 3.0' Cover 3-Sided Shell	935.34	2	1870.68
	8-211085Ala	21'10" x 8'5" Full Aluminum Invert	266.22	2	532.44
	8-2110Hb	21'10" Headwall	2439.84	1	2439.84
	8-2110CPb	21'10" Corner Panel	949.62	1	949.62
	8-2110WPb	21'10" Additional Wing Panel	771.12	1	771.12
	8-2110t	Total	7333.80	XX	10507.02
62	8-2216614a	22'1" x 6'6" 1.4' Cover 3-Sided Shell	1009.80	2	2019.6
	8-2216620a	22'1" x 6'6" 2.0' Cover 3-Sided Shell	953.70	2	1907.4
	8-2216630a	22'1" x 6'6" 3.0' Cover 3-Sided Shell	897.60	2	1795.2
	8-22166Ala	22'1" x 6'6" Full Aluminum Invert	275.40	2	550.8
	8-221Hb	22'1" Headwall	2826.42	1	2826.42
	8-221CPb	22'1" Corner Panel	1402.50	1	1402.5
	8-221WPb	22'1" Additional Wing Panel	1152.60	1	1152.6
	8-221t	Total	8518.02	XX	11654.52
63	8-2219314a	22'1" x 9'3" 1.4' Cover 3-Sided Shell	1035.30	2	2070.6
	8-2219320a	22'1" x 9'3" 2.0' Cover 3-Sided Shell	972.06	2	1944.12
	8-2219330a	22'1" x 9'3" 3.0' Cover 3-Sided Shell	933.30	2	1866.6
	8-22193Ala	22'1" x 9'3" Full Aluminum Invert	270.30	2	540.6
	8-221Hb	22'1" Headwall	2556.12	1	2556.12
	8-221CPb	22'1" Corner Panel	1008.78	1	1008.78
	8-221WPb	22'1" Additional Wing Panel	816.00	1	816
	8-221t	Total	7591.86	XX	10802.82
64	8-2237314a	22'3" x 7'3" 1.4' Cover 3-Sided Shell	1030.20	2	2060.4
	8-2237320a	22'3" x 7'3" 2.0' Cover 3-Sided Shell	973.08	2	1946.16
	8-2237330a	22'3" x 7'3" 3.0' Cover 3-Sided Shell	920.04	2	1840.08
	8-22373Ala	22'3" x 7'3" Full Aluminum Invert	274.38	2	548.76
	8-223Hb	22'3" Headwall	2660.16	1	2660.16
	8-223CPb	22'3" Corner Panel	1063.86	1	1063.86
	8-223WPb	22'3" Additional Wing Panel	856.80	1	856.8
	8-223t	Total	7778.52	XX	10976.22
65	8-2268114a	22'6" x 8'1" 1.4' Cover 3-Sided Shell	1071.00	2	2142
	8-2268120a	22'6" x 8'1" 2.0' Cover 3-Sided Shell	1006.74	2	2013.48
	8-2268130a	22'6" x 8'1" 3.0' Cover 3-Sided Shell	945.54	2	1891.08
	8-22681Ala	22'6" x 8'1" Full Aluminum Invert	280.50	2	561
	8-226Hb	22'6" Headwall	205.02	1	205.02
	8-226CPb	22'6" Corner Panel	11154.72	1	11154.72
	8-226WPb	22'6" Additional Wing Panel	894.54	1	894.54
	8-226t	Total	15558.06	XX	18861.84

ITEM 8

Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.

Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.

Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8		Estimated Quantity	Extended Cost
		Span x Rise	Unit Cost		
66	8-2295414a	22'9" x 5'4" 1.4' Cover 3-Sided Shell	1032.24	2	2064.48
	8-2295420a	22'9" x 5'4" 2.0' Cover 3-Sided Shell	969.00	2	1938
	8-2295430a	22'9" x 5'4" 3.0' Cover 3-Sided Shell	918.00	2	1836
	8-22954Ala	22'9" x 5'4" Full Aluminum Invert	280.50	2	561
	8-229Hb	22'9" Headwall	2870.28	1	2870.28
	8-229CPb	22'9" Corner Panel	1386.18	1	1386.18
	8-229WPb	22'9" Additional Wing Panel	1150.56	1	1150.56
	8-229t	Total	8606.76	XX	11806.50
67	8-22981014a	22'9" x 8'10" 1.4' Cover 3-Sided Shell	1088.34	2	2176.68
	8-22981020a	22'9" x 8'10" 2.0' Cover 3-Sided Shell	1025.10	2	2050.2
	8-22981030a	22'9" x 8'10" 3.0' Cover 3-Sided Shell	960.84	2	1921.68
	8-229810Ala	22'9" x 8'10" Full Aluminum Invert	281.52	2	563.04
	8-229Hb	22'9" Headwall	2439.84	1	2439.84
	8-229CPb	22'9" Corner Panel	914.94	1	914.94
	8-229WPb	22'9" Additional Wing Panel	22.44	1	22.44
	8-229t	Total	6733.02	XX	10088.82
68	8-2306114a	23'0" x 6'1" 1.4' Cover 3-Sided Shell	1071.00	2	2142
	8-2306120a	23'0" x 6'1" 2.0' Cover 3-Sided Shell	1009.80	2	2019.6
	8-2306130a	23'0" x 6'1" 3.0' Cover 3-Sided Shell	979.20	2	1958.4
	8-23061Ala	23'0" x 6'1" Full Aluminum Invert	280.50	2	561
	8-230Hb	23'0" Headwall	2976.36	1	2976.36
	8-230CPb	23'0" Corner Panel	1441.26	1	1441.26
	8-230WPb	23'0" Additional Wing Panel	1192.38	1	1192.38
	8-230t	Total	8950.50	XX	12291.00
69	8-2309814a	23'0" x 9'8" 1.4' Cover 3-Sided Shell	1111.80	2	2223.6
	8-2309820a	23'0" x 9'8" 2.0' Cover 3-Sided Shell	1040.40	2	2080.8
	8-2309830a	23'0" x 9'8" 3.0' Cover 3-Sided Shell	999.60	2	1999.2
	8-23098Ala	23'0" x 9'8" Full Aluminum Invert	281.52	2	563.04
	8-230Hb	23'0" Headwall	2553.06	1	2553.06
	8-230CPb	23'0" Corner Panel	970.02	1	970.02
	8-230WPb	23'0" Additional Wing Panel	777.24	1	777.24
	8-230t	Total	7733.64	XX	11166.96
70	8-23261114a	23'2" x 6'11" 1.4' Cover 3-Sided Shell	1084.26	2	2168.52
	8-23261120a	23'2" x 6'11" 2.0' Cover 3-Sided Shell	1020.00	2	2040
	8-23261130a	23'2" x 6'11" 3.0' Cover 3-Sided Shell	984.30	2	1968.6
	8-232611Ala	23'2" x 6'11" Full Aluminum Invert	280.50	2	561
	8-232Hb	23'2" Headwall	2667.30	1	2667.3
	8-232CPb	23'2" Corner Panel	1025.10	1	1025.1
	8-232WPb	23'2" Additional Wing Panel	818.04	1	818.04
	8-232t	Total	7879.50	XX	11248.56
71	8-2347814a	23'4" x 7'8" 1.4' Cover 3-Sided Shell	1101.60	2	2203.2
	8-2347820a	23'4" x 7'8" 2.0' Cover 3-Sided Shell	1038.36	2	2076.72
	8-2347830a	23'4" x 7'8" 3.0' Cover 3-Sided Shell	999.60	2	1999.2
	8-23478Ala	23'4" x 7'8" Full Aluminum Invert	287.64	2	575.28
	8-234Hb	23'4" Headwall	2779.50	1	2779.5
	8-234CPb	23'4" Corner Panel	1080.18	1	1080.18
	8-234WPb	23'4" Additional Wing Panel	858.84	1	858.84
	8-234t	Total	8145.72	XX	11572.92

ITEM 8

Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.

Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.

Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
72	8-2368614a	23'6" x 8'6" 1.4' Cover 3-Sided Shell	1119.96	2	2239.92
	8-2368620a	23'6" x 8'6" 2.0' Cover 3-Sided Shell	1078.14	2	2156.28
	8-2368630a	23'6" x 8'6" 3.0' Cover 3-Sided Shell	1013.88	2	2027.76
	8-23686A1a	23'6" x 8'6" Full Aluminum Invert	286.62	2	573.24
	8-236Hb	23'6" Headwall	2892.72	1	2892.72
	8-236CPb	23'6" Corner Panel	1347.42	1	1347.42
	8-236WPb	23'6" Additional Wing Panel	1111.80	1	1111.8
	8-236t	Total	8850.54	XX	12349.14
73	8-2389314a	23'8" x 9'3" 1.4' Cover 3-Sided Shell	1138.32	2	2276.64
	8-2389320a	23'8" x 9'3" 2.0' Cover 3-Sided Shell	1095.48	2	2190.96
	8-2389330a	23'8" x 9'3" 3.0' Cover 3-Sided Shell	1029.18	2	2058.36
	8-23893A1a	23'8" x 9'3" Full Aluminum Invert	293.76	2	587.52
	8-238Hb	23'8" Headwall	3005.94	1	3005.94
	8-238CPb	23'8" Corner Panel	1402.50	1	1402.5
	8-238WPb	23'8" Additional Wing Panel	1152.60	1	1152.6
	8-238t	Total	9117.78	XX	12674.52
74	8-231010114a	23'10" x 10'1" 1.4' Cover 3-Sided Shell	1156.68	2	2313.36
	8-231010120a	23'10" x 10'1" 2.0' Cover 3-Sided Shell	1114.86	2	2229.72
	8-231010130a	23'10" x 10'1" 3.0' Cover 3-Sided Shell	1044.48	2	2088.96
	8-2310101A1a	23'10" x 10'1" Full Aluminum Invert	293.76	2	587.52
	8-2310Hb	23'10" Headwall	3119.16	1	3119.16
	8-2310CPb	23'10" Corner Panel	1457.58	1	1457.58
	8-2310WPb	23'10" Additional Wing Panel	1193.40	1	1193.4
	8-2310t	Total	9379.92	XX	12989.70
75	8-2405914a	24'0" x 5'9" 1.4' Cover 3-Sided Shell	1120.98	2	2241.96
	8-2405920a	24'0" x 5'9" 2.0' Cover 3-Sided Shell	1043.46	2	2086.92
	8-2405930a	24'0" x 5'9" 3.0' Cover 3-Sided Shell	988.38	2	1976.76
	8-24059A1a	24'0" x 5'9" Full Aluminum Invert	306.00	2	612
	8-240Hb	24'0" Headwall	2555.10	1	2555.1
	8-240CPb	24'0" Corner Panel	914.94	1	914.94
	8-240WPb	24'0" Additional Wing Panel	736.44	1	736.44
	8-240t	Total	7665.30	XX	11124.12
76	8-2416614a	24'1" x 6'6" 1.4' Cover 3-Sided Shell	1163.82	2	2327.64
	8-2416620a	24'1" x 6'6" 2.0' Cover 3-Sided Shell	1082.22	2	2164.44
	8-2416630a	24'1" x 6'6" 3.0' Cover 3-Sided Shell	1046.52	2	2093.04
	8-24166A1a	24'1" x 6'6" Full Aluminum Invert	306.00	2	612
	8-241Hb	24'1" Headwall	2661.18	1	2661.18
	8-241CPb	24'1" Corner Panel	970.02	1	970.02
	8-241WPb	24'1" Additional Wing Panel	777.24	1	777.24
	8-241t	Total	8007.00	XX	11605.56
77	8-2437414a	24'3" x 7'4" 1.4' Cover 3-Sided Shell	1753.38	2	3506.76
	8-2437420a	24'3" x 7'4" 2.0' Cover 3-Sided Shell	1094.46	2	2188.92
	8-2437430a	24'3" x 7'4" 3.0' Cover 3-Sided Shell	1057.74	2	2115.48
	8-24374A1a	24'3" x 7'4" Full Aluminum Invert	306.00	2	612
	8-243Hb	24'3" Headwall	2768.28	1	2768.28
	8-243CPb	24'3" Corner Panel	1025.10	1	1025.1
	8-243WPb	24'3" Additional Wing Panel	818.04	1	818.04
	8-243t	Total	8823.00	XX	13034.58

ITEM 8

Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.

Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.

Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
78	8-2448214a	24'4" x 8'2" 1.4' Cover 3-Sided Shell	1224.00	2	2448
	8-2448220a	24'4" x 8'2" 2.0' Cover 3-Sided Shell	1112.82	2	2225.64
	8-2448230a	24'4" x 8'2" 3.0' Cover 3-Sided Shell	1073.04	2	2146.08
	8-24482A1a	24'4" x 8'2" Full Aluminum Invert	306.00	2	612
	8-244Hb	24'4" Headwall	2874.36	1	2874.36
	8-244CPb	24'4" Corner Panel	1081.20	1	1081.2
	8-244WPb	24'4" Additional Wing Panel	858.84	1	858.84
	8-244t	Total	8530.26	XX	12246.12
79	8-24581114a	24'5" x 8'11" 1.4' Cover 3-Sided Shell	1245.42	2	2490.84
	8-24581120a	24'5" x 8'11" 2.0' Cover 3-Sided Shell	1131.18	2	2262.36
	8-24581130a	24'5" x 8'11" 3.0' Cover 3-Sided Shell	1088.34	2	2176.68
	8-245811A1a	24'5" x 8'11" Full Aluminum Invert	306.00	2	612
	8-245Hb	24'5" Headwall	2981.46	1	2981.46
	8-245CPb	24'5" Corner Panel	1351.50	1	1351.5
	8-245WPb	24'5" Additional Wing Panel	1111.80	1	1111.8
	8-245t	Total	9215.70	XX	12986.64
80	8-2479914a	24'7" x 9'9" 1.4' Cover 3-Sided Shell	1265.82	2	2531.64
	8-2479920a	24'7" x 9'9" 2.0' Cover 3-Sided Shell	1173.00	2	2346
	8-2479930a	24'7" x 9'9" 3.0' Cover 3-Sided Shell	1104.66	2	2209.32
	8-24799A1a	24'7" x 9'9" Full Aluminum Invert	308.04	2	616.08
	8-247Hb	24'7" Headwall	3087.54	1	3087.54
	8-247CPb	24'7" Corner Panel	1402.50	1	1402.5
	8-247WPb	24'7" Additional Wing Panel	1152.60	1	1152.6
	8-247t	Total	9494.16	XX	13345.68
81	8-24810614a	24'8" x 10'6" 1.4' Cover 3-Sided Shell	1288.26	2	2576.52
	8-24810620a	24'8" x 10'6" 2.0' Cover 3-Sided Shell	1191.36	2	2382.72
	8-24810630a	24'8" x 10'6" 3.0' Cover 3-Sided Shell	1118.94	2	2237.88
	8-248106A1a	24'8" x 10'6" Full Aluminum Invert	308.04	2	616.08
	8-248Hb	24'8" Headwall	3193.62	1	3193.62
	8-248CPb	24'8" Corner Panel	1457.58	1	1457.58
	8-248WPb	24'8" Additional Wing Panel	1193.40	1	1193.4
	8-248t	Total	9751.20	XX	13657.80
82	8-2526214a	25'2" x 6'2" 1.4' Cover 3-Sided Shell	1198.50	2	2397
	8-2526220a	25'2" x 6'2" 2.0' Cover 3-Sided Shell	1116.90	2	2233.8
	8-2526230a	25'2" x 6'2" 3.0' Cover 3-Sided Shell	1068.96	2	2137.92
	8-25262A1a	25'2" x 6'2" Full Aluminum Invert	328.44	2	656.88
	8-252Hb	25'2" Headwall	2682.60	1	2682.6
	8-252CPb	25'2" Corner Panel	970.02	1	970.02
	8-252WPb	25'2" Additional Wing Panel	777.24	1	777.24
	8-252t	Total	8142.66	XX	11855.46
83	8-2527014a	25'2" x 7'0" 1.4' Cover 3-Sided Shell	1241.34	2	2482.68
	8-2527020a	25'2" x 7'0" 2.0' Cover 3-Sided Shell	1156.68	2	2313.36
	8-2527030a	25'2" x 7'0" 3.0' Cover 3-Sided Shell	1089.36	2	2178.72
	8-25270A1a	25'2" x 7'0" Full Aluminum Invert	329.46	2	658.92
	8-252Hb	25'2" Headwall	2788.68	1	2788.68
	8-252CPb	25'2" Corner Panel	1025.10	1	1025.1
	8-252WPb	25'2" Additional Wing Panel	818.04	1	818.04
	8-252t	Total	8448.66	XX	12265.50

0.00

ITEM 8

- Part 8a - Three-Sided Shell and Full Aluminum Inverts, reference section 713.18 of the Standard Specs. Unit Cost shall be per one foot (1ft) sections.
- Part 8b - Aluminum Accessories to be used with previous Shell and Invert. Unit Cost shall be Each.
- Part 8t - Shall be the total cost for all of Part "a" and Part "b".

Line #	Item #	ITEM 8 Span x Rise	Unit Cost	Estimated Quantity	Extended Cost
84	8-2537914a	25'3" x 7'9" 1.4' Cover 3-Sided Shell	1256.64	2	2513.28
	8-2537920a	25'3" x 7'9" 2.0' Cover 3-Sided Shell	1168.92	2	2337.84
	8-2537930a	25'3" x 7'9" 3.0' Cover 3-Sided Shell	100.98	2	201.96
	8-25379A1a	25'3" x 7'9" Full Aluminum Invert	329.46	2	658.92
	8-253Hb	25'3" Headwall	2895.78	1	2895.78
	8-253CPb	25'3" Corner Panel	1080.18	1	1080.18
	8-253WPb	25'3" Additional Wing Panel	858.84	1	858.84
	8-253t	Total	7690.80	XX	10546.80
85	8-2548714a	25'4" x 8'7" 1.4' Cover 3-Sided Shell	1277.04	2	2554.08
	8-2548720a	25'4" x 8'7" 2.0' Cover 3-Sided Shell	1187.28	2	2374.56
	8-2548730a	25'4" x 8'7" 3.0' Cover 3-Sided Shell	1139.34	2	2278.68
	8-25487A1a	25'4" x 8'7" Full Aluminum Invert	334.56	2	669.12
	8-254Hb	25'4" Headwall	3001.86	1	3001.86
	8-254CPb	25'4" Corner Panel	1347.42	1	1347.42
	8-254WPb	25'4" Additional Wing Panel	1111.80	1	1111.8
	8-254t	Total	9399.30	XX	13337.52
86	8-2549514a	25'4" x 9'5" 1.4' Cover 3-Sided Shell	1298.46	2	2596.92
	8-2549520a	25'4" x 9'5" 2.0' Cover 3-Sided Shell	1205.64	2	2411.28
	8-2549530a	25'4" x 9'5" 3.0' Cover 3-Sided Shell	1157.70	2	2315.4
	8-25495A1a	25'4" x 9'5" Full Aluminum Invert	334.56	2	669.12
	8-254Hb	25'4" Headwall	3107.94	1	3107.94
	8-254CPb	25'4" Corner Panel	1402.50	1	1402.5
	8-254WPb	25'4" Additional Wing Panel	1152.60	1	1152.6
	8-254t	Total	9659.40	XX	13655.76
87	8-25510214a	25'5" x 10'2" 1.4' Cover 3-Sided Shell	1319.88	2	2639.76
	8-25510220a	25'5" x 10'2" 2.0' Cover 3-Sided Shell	1270.92	2	2541.84
	8-25510230a	25'5" x 10'2" 3.0' Cover 3-Sided Shell	1175.04	2	2350.08
	8-255102A1a	25'5" x 10'2" Full Aluminum Invert	334.56	2	669.12
	8-255Hb	25'5" Headwall	3215.04	1	3215.04
	8-255CPb	25'5" Corner Panel	1457.58	1	1457.58
	8-255WPb	25'5" Additional Wing Panel	1193.40	1	1193.4
	8-255t	Total	9966.42	XX	14066.82

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Lane Enterprises, Inc.

Authorized Signature: [Signature] Date: 3-31-17

State of WV

County of Cabell, to-wit:

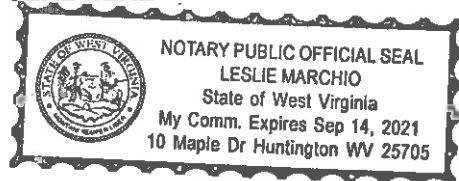
Taken, subscribed, and sworn to before me this 31st day of March, 20 17

My Commission expires Sept. 14, 20 21

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]



VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with **West Virginia Code, §5A-3-37**. (Does not apply to construction contracts). **West Virginia Code, §5A-3-37**, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification;
 Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; **or**,
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,
2. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,
3. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; **or**,
4. **Application is made for 5% vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,
5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,
6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Lane Enterprises, Inc. Signed: Todd West
Date: 3-31-17 Title: Sales Rep

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.