



CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu.org

RESOLUTION NO. 05-FY2020

**RELATIVE TO APPROVING CONSTRUCTION CONTRACT FOR THE TAMUNING
“HOT SPOTS” SEWER SYSTEM REHABILITATION AND REPLACEMENT
PROJECT (RE-BID)
GWA PROJECT NO. S16-003-EPA/S16-001-EPA**

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual and policy matters relative to the Guam Waterworks Authority (“GWA”); and

WHEREAS, the Guam Waterworks Authority is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA has received a grant from USEPA under the State Revolving Fund program to improve the sewer collection system, particularly at a few locations that have been identified as “Hot Spots” in the Tamuning area; and

WHEREAS, the Hot Spot locations are areas where GWA wastewater operations have to constantly return to the sewer manhole or gravity main segment to conduct cleaning or pumping activities because at these locations there exist infrastructure defects such as a sag or low spot and/or blockage in the gravity main as well as inflow and infiltration in the system that causes wastewater to surge in the sewer main and manholes upstream of the Hot Spot location; and

WHEREAS, the intent of this project is to rehabilitate, repair or replace these infrastructure defects along with associate roadway surface improvements; and

WHEREAS, GWA and USEPA agree that efforts to rehabilitate, repair or replace these sewer lines are necessary to properly maintain and operate the sewer collection system, and the

1 first order to do so is through scope of services that includes general civil engineering,
2 geotechnical engineering, and archeological investigation for wastewater collection system
3 evaluation, analysis and design; and
4

5 **WHEREAS**, in April 2016 GWA Management began the procurement process to find a
6 consulting engineering team to design the sewer Hot Spots rehabilitation and replacement, and
7 via Resolution No. 55-FY2016, approved by the CCU in August 2016, GWA Management was
8 authorized to enter into a contract with TG Engineers, PC to design the sewer rehabilitation and
9 replacement related to Hot Spot locations; and
10

11 **WHEREAS**, in September of 2016 GWA Management entered into a design contract
12 with TG Engineers, PC to design the sewer Hot Spot Rehabilitation and Replacement for the
13 Tamuning area, and in January 2018 the final design was completed; and
14

15 **WHEREAS**, in May of 2018, GWA advertised the Invitation to Bid (IFB-06-ENG-2018)
16 for the Tumon and Tamuning Hot Spots Sewer Rehabilitation and Replacement soliciting bid
17 proposals from experienced and responsive bidders to repair and/or replace segments of gravity
18 sewer lines and manholes subjected to infrastructure deficiencies, but unfortunately GWA
19 received bids that were twice the budgeted estimates thus GWA rejects all bids; and
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21 **WHEREAS**, following the initial Invitation to Bid, GWA and the design engineer re-
22 evaluated the bid package as well as reviewed the bid prices submitted and decided the best way
23 forward with the project was to further split the work in the Tamuning area and defer all Hot
24 Spot Work in the Tumon area until further funding can be identified; and
25

26 **WHEREAS**, on August 10, 2019, GWA advertised the Invitation to Re-bid (IFB-04-
27 ENG-2019) for the Tumon and Tamuning Hot Spots Sewer Rehabilitation and Replacement
28 soliciting bid proposals from experienced and responsive bidders to repair and/or replace
29 segments of gravity sewer lines and manholes where exists defects such as a sag or low spot in
30 the gravity main in the village of Tamuning; and
31
32

1 **WHEREAS**, this project consists of furnishing all labor, tools, equipment and materials,
2 necessary to replace and/or repair gravity sewer along identified Hot Spots in Tamuning,
3 including coordination with GWA Wastewater Operations, GWA Engineering, the Construction
4 Manager, the project Design Engineer, and the Department of Public Works; and

5
6 **WHEREAS**, IFB packages were obtained by five (5) interested parties, from which
7 GWA received bid proposals from only one (1) parties (SEE EXHIBIT A – Abstract of Bids)
8 before the bid proposal deadline; and

9
10 **WHEREAS**, the project Design Engineer, in conjunction with GWA, analyzed (SEE
11 EXHIBIT B – Evaluation) the bid proposal received on September 20, 2019 and determined that
12 the bid proposal submitted by Ian Corporation was a responsive and responsible bid and met all
13 the bid requirements set forth by GWA and as such GWA Management finds Ian Corporation's
14 bid proposal acceptable; and

15
16 **WHEREAS**, GWA management seeks CCU approval of Ian Corporations Base Bid
17 proposal (SEE EXHIBIT C) in the amount of One Million Ninety-Three Thousand Nine
18 Hundred Fifty-Five Dollars and Eighty-Seven Cents (\$1,093,955.87), plus a ten percent (10%)
19 contingency of One Hundred Nine Thousand Three Hundred Ninety-Five Dollars and Fifty-
20 Eight Cents (\$109,395.58) to bring the authorized funding amount to a maximum of One Million
21 Two Hundred Three Thousand Three Hundred Fifty-One Dollars and Forty-Five Cents
22 (\$1,203,351.45); and

23
24 **WHEREAS**, funding for this project will be from the USEPA State Revolving Fund and,
25 if necessary, GWA Bond funds applicable to the project intent; and

26
27 **NOW BE IT THEREFORE RESOLVED**; the Consolidated Commission on Utilities
28 does hereby approve the following:

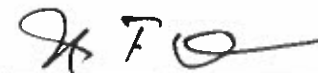
- 29 1. The recitals set forth above hereby constitute the findings of the CCU.
30 2. The CCU finds that the terms and conditions set by GWA relative to
31 commencement of work activities are fair and reasonable and serve as a measure
32 of Quality Assurance/Quality Control (QA/QC).

- 1 3. The CCU hereby authorizes the management of GWA to accept the bid proposals
2 from "Ian Corporation".
- 3 4. The CCU hereby further authorizes the management of GWA to enter into a
4 contract with "Ian Corporation" in the amount of One Million Ninety-Three
5 Thousand Nine Hundred Fifty-Five Dollars and Eighty-Seven Cents
6 (\$1,093,955.87) for the Base Bid proposal (Exhibit C).
- 7 5. The CCU hereby further approves the funding of One Million Ninety-Three
8 Thousand Nine Hundred Fifty-Five Dollars and Eighty-Seven Cents
9 (\$1,093,955.87), plus a ten percent (10%) contingency of One Hundred Nine
10 Thousand Three Hundred Ninety-Five Dollars and Fifty-Eight Cents
11 (\$109,395.58) to bring the total authorized funding amount to a maximum of One
12 Million Two Hundred Three Thousand Three Hundred Fifty-One Dollars and
13 Forty-Five Cents (\$1,203,351.45).
- 14 6. The CCU hereby further approves the funding for this project will be from the
15 USEPA State Revolving Fund and, if necessary, GWA Bond funds applicable to
16 the project.

17
18 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
19 of this Resolution.

20
21 **DULY AND REGULARLY ADOPTED**, this 29th day of October 2019.

22
23 Certified by:

24 

25 **JOSEPH T. DUENAS**
26 Chairperson

27 Attested by:

28 

29 **MICHAEL T. LIMTIACO**
30 Secretary

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SECRETARY'S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

AYES:

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NAYS:

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ABSTENTIONS:

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ABSENT:

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GUAM WATERWORKS AUTHORITY
ABSTRACT OF BIDS

ORIGINAL

Project Name: TUMON AND TAMUNING HOT SPOTS SEWERLINE REHABILITATION AND REPLACEMENT (RE-BID)
Project Number: S16-001/003-EPA IFB NO.: IFB-04-ENG-2019

Bid Opening Date: September 20, 2019
Bid Opening Time: 3:00 PM

Bidders Name	Section A-5 Bid Bond	CERTIFICATIONS									BASE BID	ADDITIVE BID NO. 1	ADDITIVE BID NO. 2
		Qualification Statement	Non Collusion Affidavit	EEO Certification	Non Segregated Facilities	Sex Offender Certification	Wage and Benefit Determination ¹	Major Shareholder Affidavit	Special Instructions to Bidders	Addendum 1			
1. POLYPHASE SYSTEM INC.	-	NO	NO	NO	BID	BID	BID	BID	-				
2. ARS ALEUT CONSTRUCTION	-	NO	NO	NO	BID	BID	BID	BID	-				
3. HDCC GUAM	-	NO	NO	NO	BID	BID	BID	BID	-				
4. FRONTIER SUPPLY INC.	-	NO	NO	NO	BID	BID	BID	BID	-	\$1,093,955.87	88.		
5. IAN CORPORATION	15% of Total Bid Amount LEXON Insurance Co.	✓	✓	✓	✓	✓	✓	✓	✓	1900,000	\$2,500,129	\$1,909,220	
GWA ESTIMATE										\$2,958,130	\$1,799,695	\$1,903,229	

Bids Opened and Read by:

Tabulated By:

GWA Procurement Representative:


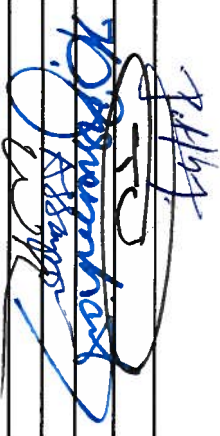
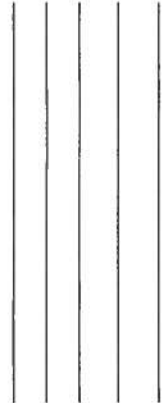
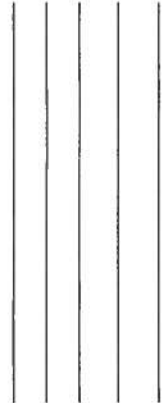
Witnesses:

(Name and Signature)

(Name and Signature)

(Name and Signature)

(Name and Signature)


SYLVIA Y. McLEAN
GERARD GATTOC
ROLAND LUMONGSUD

ROLAND LUMONGSUD



October 21, 2019

Mr. Gerald Gattoc
Engineering Division
Guam Waterworks Authority
ggattoc@guamwaterworks.org

Subject: IFB-04-ENG-2019; Tumon and Tamuning Hot Spots Sewer Line Rehabilitation and Replacement (Re-Bid): **BID EVALUATION**

Dear Mr. Gattoc,

TGE has evaluated the single bid received (Ian Corporation) on September 20, 2019, for the subject IFB.

This IFB is a re-bid due to the prices of the original bidding process (total of two received) exceeding GWA's budget. The scope of work for this re-bid project has been reduced, primarily by eliminating CIPP rehabilitation work.

The Engineer's Estimate for this re-bid is a range based on the unit prices provided in the original IFB. The complete spreadsheet of bid prices and EngEst are attached. The following table provides the totals of the Engineer's Estimate (EngEst) range of values and the re-bid (Ian) prices:

	ENG. ESTIMATE	IAN
BASE BID	\$2.9 - \$4.2M	\$1.1M
ADD NO. 01	\$2.0 - 5.4M	\$2.5M
ADD NO. 02	\$1.9 - \$6.5M	\$2.0M

Base Bid

Ian's Base Bid is much lower than the lower amount of the EngEst, and is the result of the contractor significantly reducing unit costs compared to the original bid. However, unit costs have *increased* for the following items:

- No. 9: 6-in PVC Pipe (\$418 vs. \$75);
- No. 12: Flow control (\$118,000, not included in original bid);
- No. 16: Manhole rehab (\$58,000 vs. \$7,000).

The reason for the high unit price for 6-in PVC is not clear. If change orders are required for more piping, 8-in pipe would be more economical to install. The "flow control" item is likely predominately associated with labor costs for 24-hour operations. A breakdown of costs (labor, equipment, supplies) for the schedule of values (after contract award) might help to limit extra flow control costs if a longer construction duration is approved. The higher price for manhole rehabilitation appears reasonable.

Additive Bid No. 1

The new bid amount is within the EngEst range, and is less than half the amount that this contractor bid "originally", that is, using original unit costs. Inexplicably, the unit costs for the re-bid pipe work (Items 7 and 9) are 3 to 4 times greater than the unit costs used in the re-bid Base Bid. Also, the price of Bid Item 16 has significantly increased from the original bid amount (\$7,000) to the re-bid amount (\$107,700.)

Additive Bid No. 2

The new bid amount is within the EngEst range. It is essentially identical to the contractor's "original" bid amount. (Again, "original" bid amount here indicates the cost associated with the original bid unit costs as applied to the revised quantities.) However, most of the unit costs are less than the original bid, except for Item 5: Asphalt demolition; and Item 9: 8-inch PVC pipe.

Discussion

It is always preferred that at least two to three bids are received for any IFB in order to receive a competitive price. The fact that only one bid was received is indicative of the high level of activity currently in the Guam construction sector, and the less likelihood of obtaining a "good" price.

The re-bid pricing of:

- \$1.1M for 930-feet of sewer pipe (Base Bid);
- \$2.6M for 800-feet of sewer pipe (Add Bid 1); and
- \$2.0M for 1684-feet of sewer pipe (Add Bid 2);

is very steep. However, these prices total less than half of the total prices (based on original unit costs and re-bid quantities)) originally submitted for the Base Bid and Additive Bid No. 1.

Recommendation

TGE finds the bid documentation to be responsive and responsible.

TGE recommends that, based on a budget of \$3M, the Base Bid and the Additive Bid No. 2 be accepted.

Sincerely,



John Davis, PE

BID FORM

BID RECIPIENT

This Bid is submitted to:

Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, Guam 96913

The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

BIDDER'S ACKNOWLEDGMENTS

Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

BIDDER'S REPRESENTATIONS

In submitting this Bid, Bidder represents that:

Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
01	09/06/2019

Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's

judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.

Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.

The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

BIDDER'S CERTIFICATIONS

Bidder certifies that:

This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

Bidder has not solicited or induced any individual or entity to refrain from bidding; and

Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

BASIS OF BID

Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s).

Base Bid Description of Work: TAMUNING HOT SPOTS**Work consists as per following items:**

Work consists of replacement of 6-inch – 8-inch Asbestos Cement pipe with 6-inch – 10-inch PVC pipe, construction of precast concrete manholes, sewer manhole rehabilitation with epoxy coating, channel construction, disconnection and re-connection of lateral sewer pipes, abandoning existing sewer pipes and providing temporary bypass and traffic control as necessary to complete the rehabilitation and replacement work.

The included segments are shown on the Scope Overview Maps Fig-1A to Fig-1C which are included as Exhibit A to this Bid Form.

Item No.	Description	Unit	Base Bid		
			Unit Price	Qty	Bid Amount
1	Permits	LS	\$ 23,079.74	1	\$ 23,079.74
2	Mobilization and Demobilization (10% Maximum)	LS	\$ 31,472.37	1	\$ 31,472.37
3	Insurance and Bonds	LS	\$ 15,386.49	1	\$ 15,386.49
4	Traffic Control	LS	\$ 37,067.45	1	\$ 37,067.45
5	Demolition of Asphalt Concrete (AC) Pavement including all labor, materials, equipment and all incidentals for AC sawcutting, removal of AC pavement and hauling and disposal to an approved landfill disposal facility.	SY	\$ 43.78	516	\$ 22,590.48
6	Erosion Control	LS	\$ 12,141.34	1	\$ 12,141.34
7	Trench Excavation including all labor, materials, supplies, equipment and incidentals for the trench shoring, hauling and disposal of excavated materials, disposal fee, protection and support of structures and facilities, and dewatering.	CY	\$ 265.77	352	\$ 93,551.04
8	Removal of existing Asbestos Cement Pipes including all labor, materials, equipment and incidentals for the packaging and off-island shipping of Asbestos Cement pipe	LF	\$ 167.85	515	\$ 86,442.75
9	Installation of 6-inch diameter PVC pipe, installed by open trench, including installation of PVC pipe, fittings, warning/identification tape, cleaning, connections to existing manholes, adjustment of existing channel and bench, testing, and all incidentals, in place complete.	LF	\$ 418.23	19	\$ 7,946.37

10	Installation of 8-inch diameter PVC pipe, installed by open trench, including installation of PVC pipe, fittings, warning/identification tape, cleaning, connections to existing manholes, adjustment of existing channel and bench, testing, and all incidentals, in place complete.	LF	\$ <u>172.05</u>	612	\$ <u>105,294.60</u>
11	Installation of 10-inch diameter PVC pipe, installed by open trench, including installation of PVC pipe, fittings, warning/identification tape, cleaning, connections to existing manholes, adjustment of existing channel and bench, testing, and all incidentals, in place complete.	LF	\$ <u>181.84</u>	297	\$ <u>54,006.48</u>
12	Sewer Flow Control including Flow Management Plan, Temporary Bypass Piping, and Pumps, pipe plugs, bypassing at sewer laterals (including locating and exposing cleanouts), temporary trenches (including pavement demolition, excavation, backfill, trench covers, temporary and permanent AC, muck handling, and disposal), electrical and standby power/pumps, monitoring, spill containment/mitigation	LS	\$ <u>118,895.61</u>	1	\$ <u>118,895.61</u>
13	Concreting of abandoned Asbestos Cement pipes in place including all labor, materials, equipment and incidentals, in-place complete.	CY	\$ <u>699.39</u>	2	\$ <u>1,398.78</u>
14	Trench Backfilling including all labor, materials, supplies, equipment and incidentals for the supply and placement of bedding sand and flowable fill.	CY	\$ <u>316.12</u>	352	\$ <u>111,274.24</u>
15	Asphalt Concrete (AC) pavement restoration (2-inch thick) including prime coat and all necessary labor, materials, and equipment, in place complete.	SY	\$ <u>302.13</u>	516	\$ <u>155,899.08</u>
16	Repair and rehabilitation of Manholes including all labor, materials, equipment and incidentals for raising manhole frames & covers, grouting of joints & chimneys, cleaning of manholes, sealing of manhole and replacing manhole lids.	LS	\$ <u>58,748.42</u>	1	\$ <u>58,748.42</u>

17	Construct new manholes including all labor, materials, equipment and all incidentals for the placement & compaction of base course, backfilling & compaction and manhole accessories, in place complete.	EA	\$ <u>23,079.74</u>	5	\$ <u>115,398.70</u>
18	Archaeological Monitoring (Allowance)	LS	\$ <u>6,000</u>	1	\$ <u>6,000</u>
19	As-Built drawings	LS	\$ <u>37,361.93</u>	1	\$ <u>37,361.93</u>
<u>BASE BID (TOTAL Items 1 through 19, inclusive)</u>					\$ <u>1,093,955.87</u>

Description of Work: TAMUNING HOT SPOTS - ADDITIVE BID NO.1**Work consists as per following items:**

Work consists of replacement of 8-inch Asbestos Cement pipe with 8-inch PVC pipe, construction of precast concrete manholes, sewer manhole rehabilitation with epoxy coating, channel construction, disconnection and re-connection of lateral sewer pipes, abandoning existing sewer pipes and providing temporary bypass and traffic control as necessary to complete the rehabilitation and replacement work.

The included segments are shown on the Scope Overview Maps Fig-1A to Fig-1C which are included as Exhibit A to this Bid Form.

Item No.	Description	Unit	Additive Bid		
			Unit Price	Qty	Bid Amount
1	Permits	LS	\$ <u>35,668.68</u>	1	\$ <u>35,668.68</u>
2	Mobilization and Demobilization (10% Maximum)	LS	\$ <u>31,472.37</u>	1	\$ <u>31,472.37</u>
3	Insurance and Bonds	LS	\$ <u>23,779.12</u>	1	\$ <u>23,779.12</u>
4	Traffic Control	LS	\$ <u>111,901.75</u>	1	\$ <u>111,901.75</u>
5	Demolition of Asphalt Concrete (AC) Pavement including all labor, materials, equipment and all incidentals for AC sawcutting, removal of AC pavement and hauling and disposal to an approved landfill disposal facility.	SY	\$ <u>104.91</u>	668	\$ <u>70,079.88</u>
6	Erosion Control	LS	\$ <u>2,867.48</u>	1	\$ <u>2,867.48</u>
7	Trench Excavation including all labor, materials, supplies, equipment and incidentals for the trench shoring, hauling and disposal of excavated materials, disposal fee, protection and support of structures and facilities, and dewatering.	CY	\$ <u>951.16</u>	606	\$ <u>576,402.96</u>
8	Removal of existing Asbestos Cement pipes including all labor, materials, equipment and incidentals for the packaging and off-island shipping of Asbestos Cement pipe	LF	\$ <u>167.85</u>	323	\$ <u>54,215.55</u>
9	Installation of 8-inch diameter PVC pipe, installed by open trench, including installation of PVC pipe, fittings, warning/identification tape, cleaning, connections to existing manholes, adjustment of existing channel and bench, testing, and all incidentals, in place complete.	LF	\$ <u>741.35</u>	802	\$ <u>594,562.70</u>

10	Sewer Flow Control including Flow Management Plan, Temporary Bypass Piping, and Pumps, pipe plugs, bypassing at sewer laterals (including locating and exposing cleanouts), temporary trenches (including pavement demolition, excavation, backfill, trench covers, temporary and permanent AC, muck handling, and disposal), electrical and standby power/pumps, monitoring, spill containment/mitigation	LS	\$ <u>209,815.78</u>	1	\$ <u>209,815.78</u>
11	Concreting of abandoned Asbestos Cement pipes in place including all labor, materials, equipment and incidentals, in-place complete.	CY	\$ <u>699.39</u>	6	\$ <u>4,196.34</u>
12	Trench Backfilling including all labor, materials, supplies, equipment and incidentals for the supply and placement of bedding sand and flowable fill.	CY	\$ <u>447.61</u>	606	\$ <u>271,251.66</u>
13	Asphalt Concrete (AC) pavement restoration (2-inch thick) including prime coat and all necessary labor, materials, and equipment, in place complete.	SY	\$ <u>302.13</u>	662	\$ <u>200,010.06</u>
14	Asphalt Concrete (AC) Friction Course (1" thick)	SY	\$ <u>293.74</u>	460	\$ <u>135,120.40</u>
16	Repair and rehabilitation of Manholes including all labor, materials, equipment and incidentals for raising manhole frames & covers, grouting of joints & chimneys, cleaning of manholes, sealing of manhole and replacing manhole lids.	LS	\$ <u>107,705.43</u>	1	\$ <u>107,705.43</u>
17	Construct new manholes including all labor, materials, equipment and all incidentals for the placement & compaction of base course, backfilling & compaction and manhole accessories, in place complete.	EA	\$ <u>25,177.89</u>	4	\$ <u>100,711.56</u>
18	Archaeological Monitoring	LS		1	\$ <u>6,000.00</u>
19	As-Built drawings	LS	\$ <u>30,368.07</u>	1	\$ <u>30,368.07</u>
<u>ADDITIVE BID NO. 1 (TOTAL Items 1 through 19, inclusive)</u>					\$ <u>2,566,129.79</u>

Description of Work: TAMUNING HOT SPOTS - ADDITIVE BID NO.2**Work consists as per following items:**

Work consists of replacement of 8-inch Asbestos Cement pipe with 8-inch PVC pipe, disconnection and re-connection of lateral sewer pipes, sewer manhole rehabilitation with epoxy coating, and providing temporary bypass and traffic control as necessary to complete the rehabilitation and replacement work. The included segments are shown on the Scope Overview Maps Fig-1A to Fig-1C which are included as Attachment A to this Bid Form.

Item No.	Description	Unit	Unit Price	Additive Bid	
				Qty	Bid Amount
1	Permits	LS	\$ <u>36,088.31</u>	1	\$ <u>36,088.31</u>
2	Mobilization and Demobilization (10% Maximum)	LS	\$ <u>20,981.58</u>	1	\$ <u>20,981.58</u>
3	Insurance and Bonds	LS	\$ <u>24,058.88</u>	1	\$ <u>24,058.88</u>
4	Traffic Control	LS	\$ <u>58,049.03</u>	1	\$ <u>58,049.03</u>
5	Demolition of Asphalt Concrete (AC) Pavement including all labor, materials, equipment and all incidentals for AC sawcutting, removal of AC pavement and hauling and disposal to an approved landfill disposal facility.	SY	\$ <u>48.96</u>	936	\$ <u>45,826.56</u>
6	Erosion Control	LS	\$ <u>14,743.06</u>	1	\$ <u>14,743.06</u>
7	Trench Excavation including all labor, materials, supplies, equipment and incidentals for the trench shoring, hauling and disposal of excavated materials, disposal fee, protection and support of structures and facilities, and dewatering.	CY	\$ <u>307.73</u>	750	\$ <u>230,797.50</u>
8	Removal of existing Asbestos Cement Pipes including all labor, materials, equipment and incidentals for the packaging and off-island shipping of Asbestos Cement pipe	LF	\$ <u>167.85</u>	1684	\$ <u>282,659.40</u>
9	Installation of 8-inch diameter PVC pipe, installed by open trench, including installation of PVC pipe, fittings, warning/identification tape, cleaning, connections to existing manholes, adjustment of existing channel and bench, testing, and all incidentals, in place complete.	LF	\$ <u>338.50</u>	1684	\$ <u>570,034.00</u>

10	Sewer Flow Control including Flow Management Plan, Temporary Bypass Piping, and Pumps, pipe plugs, bypassing at sewer laterals (including locating and exposing cleanouts), temporary trenches (including pavement demolition, excavation, backfill, trench covers, temporary and permanent AC, muck handling, and disposal), electrical and standby power/pumps, monitoring, spill containment/mitigation	LS	\$ <u>111,901.75</u>	1	\$ <u>111,901.75</u>
11	Trench Backfilling including all labor, materials, supplies, equipment and incidentals for the supply and placement of bedding sand and flowable fill.	CY	\$ <u>351.09</u>	750	\$ <u>263,317.50</u>
12	Asphalt Concrete (AC) pavement restoration (2-inch thick) including prime coat and all necessary labor, materials, and equipment, in place complete.	SY	\$ <u>302.13</u>	936	\$ <u>282,793.68</u>
13	As-Built drawings	LS	\$ <u>27,975.44</u>	1	\$ <u>27,975.44</u>
<u>ADDITIVE BID NO. 2 (TOTAL Items 1 through 13, inclusive)</u>					\$ <u>1,969,226.69</u>

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

TIME OF COMPLETION

Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.

Bidder accepts the provisions of the Agreement as to liquidated damages.

ATTACHMENTS TO THIS BID

The following documents are attached to and made a condition of this Bid:

Required Bid security in the form of Bid Bond.

List of Proposed Major Suppliers;

Required Bidder Qualification Statement with Supporting Data; and

[List other documents as pertinent]

DEFINED TERMS

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

BID SUBMITTAL

This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____

(Individual's signature)

Doing business as: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Partnership

Partnership Name: _____

(SEAL)

By: _____

(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Corporation

Corporation Name: IAN CORPORATION

State of Incorporation: Guam, U.S.A.


Type (General Business, Professional, Service, other): General Contractor

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): Ian J. Chong

Title: President

Attest  (CORPORATE SEAL)
(Signature of Corporate Secretary)

Business address: 210 East Route 8 Barrigada, Guam 96913

Phone: 671-734-3939 Facsimile: 671-734-7762

E-mail address: ian@ianconstruction.com

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Joint Venture

First Joint Venturer Name: _____ (SEAL)

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)