



Jerrick Hernandez &lt;jhernandez@guamopa.com&gt;

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**In the Appeal of Track Me Guam LLC; OPA-PA-21-002**

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**Claire Pollard** <cpollard@rwtguam.com>

Wed, Sep 1, 2021 at 2:57 PM

To: Jerrick Hernandez &lt;jhernandez@guamopa.com&gt;

Cc: "Edwin J. Torres" &lt;etorres@rwtguam.com&gt;, "Joshua D. Walsh" &lt;jdwalsh@rwtguam.com&gt;

Dear Mr. Hernandez:

Please see the following attached documents to be filed in the above-referenced matter:

- Appellant's List of Issues
- Appellant's Witness List
- Appellant's Exhibit List

A physical copy of the attached documents will be delivered to your office today. Should you have any questions or concerns, please feel free to contact our office. Thank you.

--

Regards,  
*Claire Pollard*

**RAZZANO WALSH & TORRES, P.C.**

139 Murray Blvd. Ste. 100

Hagatna, Guam 96910

(T): 989-3009

(F): 989-8750

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**3 attachments** **9.1.21 Appellant's List of Issues.pdf**  
50K **9.1.21 Appellant's Witness List.pdf**  
43K **9.1.21 Appellant's Exhibit List.pdf**  
17596K

**RAZZANO WALSH & TORRES, P.C.**

JOSHUA D. WALSH  
EDWIN J. TORRES  
SUITE 100, 139 MURRAY BLVD.  
HAGÁTÑA, GUAM 96910  
TELEPHONE: (671) 989-3009  
FACSIMILE: (671) 989-8750

**IN THE OFFICE OF PUBLIC ACCOUNTABILITY**

In the Appeal of

Track Me Guam, LLC

Appellant.

**DOCKET NO. OPA-PA-21-002**

**APPELLANT'S EXHIBIT LIST**

Appellant Track Me Guam, LLC (“Track Me”), by and through its attorneys of record, Joshua D. Walsh and Edwin J. Torres, may introduce one or more of the below described exhibits at trial:


<b>EX.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
1-001 – 1-003	04/19/21	Bid Committee’s Review of Track Me! Guam’s Acknowledgement of Denial of Procurement Protest letter
2-001 – 2-002	04/06/21	Email correspondence dated April 06, 2021, from GPA Staff Attorney in response to Track Me! Guam’s Bid Protest Supplement letter
3-001	04/06/21	Email correspondence dated April 06, 2021, to GPA Staff Attorney for review and guidance of TrackMe! Guam’s Bid Protest Supplement letter
4-001 - 4-110	04/06/21	Receipt of TrackMe! Guam’s Bid Protest Supplement letter dated April 06, 2021
5-001 – 5-013	04/06/21	Email correspondence dated April 06, 2021, to GPA Staff Attorney for review of PTI Pacifica Inc. dba IT&E’s Bid Protest Response letter relative to TrackMe! Guam’s protest letter dated March 16, 2021
6-001 – 6-018	03/12/21	Receipt of TrackMe! Guam’s Bid Protest, Notice of Trigger for Automatic Stay, and Sunshine Act Request Memo dated March 12, 2021

7-001 – 7-096	01/28/21	PTI Pacifica Inc. dba IT&E's bid submission for GPA-024-21
8-001 – 8-023	-	Invitation for Bid Package No.: GPA-024-21
9-001 – 9-010	12/19/20	Planned Procurement memo dated December 19, 2020
10-001 – 10-031	06/30/21	Track Me Guam, LLC's Notice of Appeal
11-001 – 11-037	09/21	Fleet & Fuel Management Solution Powerpoint

Appellant reserves the right to add to this list and use any exhibits listed in the Exhibit Lists of counsel for Guam Power Authority (“GPA”). Appellant further reserves the right to use the Procurement Record.

Submitted this 1<sup>st</sup> day of September, 2021.

**RAZZANO WALSH & TORRES, P.C.**

By:   
**JOSHUA D. WALSH**  
**EDWIN J. TORRES**  
*Attorneys for Appellant*



# GUAM POWER AUTHORITY

ATURIDAT ILEKTRESEDAT GUAHAN  
P O BOX 2977, AGANA, GUAM 96932-2977

April 19, 2021

## MEMORANDUM

To: Supply Management Administrator

From: Bid Evaluation Committee

Subject: **Protest Review of GPA Bid #024-21  
Fleet & Fuel Management Software Services.**

The Evaluation Committee has reviewed the second protest submitted by Trackmeguam LLC. And requests PTI Pacifica Inc. DBA: IT&E provide clarification on the following specifications and explain how each specification will be met:

**C.1-17** *Provide fuel dispensation tracking report for Authority's Service Truck(Official 6463). Data to include date and time of fuel dispensation, amount of fuel dispensed in gallons, Vehicle and/or equipment fueled, and personnel who dispensed the fuel.*

**B.6-** *Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.*

**C.1-13** *Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.*

**C.2-** *Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, Unlock Vehicle doors, and provide software updates.*

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Jason Halmi  
Heavy Equipment Mechanic Leader

---

Victor Torres  
Engineer II

---

Pedro F. Sanchez  
Management Analyst III



Concurred by:

\_\_\_\_\_  
Melinda C. Mafnas, P.E. AGMO

Approved [  ]      Disapproved [  ]

\_\_\_\_\_  
John M. Benavente, P.E. General Manager



# GUAM POWER AUTHORITY

ATURIDĀT ILEKTRESEDĀT GUĀHAN  
P.O.BOX 2977 • HAGĀTŊA, GUAM U.S.A. 96932-2977

## COMMITTEE EVALUATION

**Invitation for Bid No.: GPA-024-21**

**for**

**Fleet and Fuel Management Software Services  
for the Authority's Fleet**

Date: April 08, 2021

Time: 9:00 A.M.

Name (Print/Sign):	Department / Section:
1. Jason Halmi	Transportation
2. Pedro Sanchez	Transportation
3. Victor Torres	SPONS
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	

**Stephanie M. Taijeron**

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**From:** Graham Botha  
**Sent:** Tuesday, April 6, 2021 3:07 PM  
**To:** Stephanie M. Taijeron  
**Cc:** Lou Sablan; Selma HG Blas; Beatrice Limtiaco; Jamie C. Pangelinan; Josephina F. Naputi; Daniele Peter D. Reyes; Melissa C Uncangco  
**Subject:** RE: GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet - Bid Protest Supplement

Stephanie:

Based on the issues raised in the additional supplement, please have the committee determine whether it still believes that IT&E complies with the bid specifications.

Regards,  
 Graham

**From:** Stephanie M. Taijeron  
**Sent:** Tuesday, April 06, 2021 2:57 PM  
**To:** Graham Botha <gbotha@gpagwa.com>  
**Cc:** Lou Sablan <lsablan@gpagwa.com>; Selma HG Blas <sblas@gpagwa.com>; Beatrice Limtiaco <tlimtiaco@gpagwa.com>; Jamie C. Pangelinan <jpangelinan@gpagwa.com>; Josephina F. Naputi <Jfnaputi@gpagwa.com>; Daniele Peter D. Reyes <ddreyes@gpagwa.com>; Melissa C Uncangco <muncangco@gpagwa.com>  
**Subject:** GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet - Bid Protest Supplement

Hafa Adai Graham,

Attached is a copy of Track Me Guam, LLC Bid Protest Supplement received today for your review and guidance. Your earliest response is greatly appreciated. Thank you.

Regards,  
 Stephanie Josefa M. Taijeron  
 GPA Procurement/Materials Mgmt.  
 Tel: (671) 648-3045/3055  
 Fax: (671) 648-3165  
 Email: [smtaijeron@gpagwa.com](mailto:smtaijeron@gpagwa.com)

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**Stephanie M. Taijeron**

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**From:** Stephanie M. Taijeron  
**Sent:** Tuesday, April 6, 2021 2:57 PM  
**To:** Graham Botha  
**Cc:** Lou Sablan; Selma HG Blas; Beatrice Limtiaco; Jamie C. Pangelinan; Josephina F. Naputi; Daniele Peter D. Reyes; Melissa C Uncangco  
**Subject:** GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet - Bid Protest Supplement  
**Attachments:** TrackMe Guam Bid Protest Supplement dated 04-06-2021.pdf

Hafa Adai Graham,

Attached is a copy of Track Me Guam, LLC Bid Protest Supplement received today for your review and guidance. Your earliest response is greatly appreciated. Thank you.

Regards,  
Stephanie Josefa M. Taijeron  
GPA Procurement/Materials Mgmt.  
Tel: (671) 648-3045/3055  
Fax: (671) 648-3165  
Email: [smtaijeron@gpagwa.com](mailto:smtaijeron@gpagwa.com)



Via Hand Delivery and Email

April 6, 2021

John M. Benavente, P.E.  
 General Manager  
 Guam Power Authority  
 Post Office Box 2977  
 Hagåtña, Guam 96932-2977



### BID PROTEST

Re: Invitation for Bid GPA-024-21

Fleet and Fuel Management Software Services for the Authority's Fleet

Dear Mr. Benavente;

#### Bid Protest Supplement

Track Me Guam, LLC ("TrackMe" or the "Bidder") respectfully submits additional information confirming the non-responsible/non-responsive nature of IT&E's bid for GPA-024-21 (the "IFB"). To the extent that the Guam Power Authority considers these new matters not properly part of TrackMe's first protest submitted on March 12, 2021, GPA should consider this a second protest of Invitation for Bid GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet (the "Protest").

On January 8, 2021, GPA issued Invitation for Bid GPA-024-21 (the "IFB"). On March 11, 2021, TrackMe was notified by the Guam Power Authority ("GPA") that TrackMe was not selected by GPA for award. Instead, GPA's notice explains that GPA has recommended award to PTI Pacifica, Inc. dba IT&E ("IT&E") because of their lower price. On March 11, 2021, TrackMe submitted its first protest to GPA regarding fatal deficiencies in IT&E's bid. TrackMe has yet to receive a decision from GPA regarding that first protest.

This supplemental information / second protest is based on new information discovered on March 29, 2021 following GPA's production of documents to TrackMe on March 25, 2021, pursuant to a Sunshine Request submitted to GPA with TrackMe's first protest. From the documents produced, TrackMe has identified four (4) more issues with IT&E's bid that render the bid non-responsive and IT&E non-responsible: (1) inability to comply with requirement C.1-17 of the IFB; (2) inability to comply with requirement B.6 of the IFB; (3) inability to comply with requirement C.1-13; and (4) inability to comply with requirement C.2.

#### Failure to Comply with Requirement C.1-17

GPA's response to the Sunshine Request shows that IT&E is supplying GPA with "DFM 500D CAN," a differential fuel flow meter. Requirement C.1-17 mandates that the bidder provide a product that will supply data to include "date and time fuel dispense, amount of fuel dispensed in gallon, vehicle and/or



equipment fueled, and personnel who dispensed the fuel.” The DFM 500D CAN, however, does not have the capability of identifying what vehicle is being fueled nor the personnel who dispenses the fuel into the vehicle. This product is also only for monitoring fuel consumption, not fuel dispensing. The manual, attached here for GPA’s review, demonstrates that the DFM 500D CAN is only for fuel *consumption*, and not fuel *dispensing*. Nowhere in the manual does it provide a method to identify how much fuel is dispensed.

The DFM 500D CAN also cannot identify who the specific individual is dispensing the fuel. The documents produced by GPA pursuant to the Sunshine Request reveals that GPA will provide the “iButton Key Fob” accessory to provide data on the person dispensing the fuel. The iButton alone, however, only provides the identity of the driver operating the vehicle. It does not identify the vehicle being fueled nor does it identify the personnel who specifically dispensed the fuel. Thus, this accessory will not meet the C.1-17 requirement.

Additionally, the DFM 500D CAN only works with vehicles that have diesel fuel engines, not gasoline engines. The manual states the DFM only works for diesel fuel, heating oil, burner oil, motor fuel, biofuel, and other liquid fuels and mineral oils with kinematic viscosity of 1.5 to 6 mm<sup>2</sup>/s. See Manual, pg. 14. GPA’s vehicle listing identifies vehicles that use gasoline engines. Installing the DFM 500D CAN will lead to problems that make IT&E a non-responsible bidder. First, installing this onto GPA’s gasoline vehicles may void the warranty for the vehicles. Second, gasoline is highly flammable, and installing this device would be very dangerous.

#### **Failure to Comply with Requirement B.6**

The IFB requires that the awardee be able to install the product within one (1) hour starting upon scheduled time of installation and/or replacement. TrackMe’s investigation, however, of the DFM 500D CAN, identified in GPA’s sunshine response, has revealed that the installation time for the DFM 500D CAN is at a minimum of four (4) hours and could last as long as several days. According to a third party fleet management provider utilizing the DFM 500D CAN, the DFM 500D CAN requires at a minimum of (4) hours to install the product. See attached screenshot of a third party management software provider (Navixy) utilizing the DFM 500D CAN that states the installation time from four (4) hours to several days. This is clearly more than the one (1) hour mandated by GPA. IT&E’s use of the DFM 500D CAN is non-responsive to the B.6 requirement.

#### **Failure to Comply with Requirement C.1-13**

C.1-13 requires that the bidder provide a system that can produce reports exportable to MS EXCEL, MS Word, CSV, and PDF file formats. MiFleet, IT&E’s software, however, can only export to html, PDF, EXCEL, XML, and CSV. See attached picture of MiFleet’s export page attached. The exportable formats do not include MS Word. Therefore, IT&E does not comply with C.1-13. IT&E is non-responsive to this requirement.

#### **Failure to Comply with Requirement C.2**

C.2 requires the bidder provide a system that allows for remote disabling of a vehicle, unlocking of vehicle doors, and issuing of software updates. IT&E notified GPA that it would comply but GPA must



“deliver the requirement i.e. older vehicle models may not be able to support fleet tracking application.” IT&E’s further response supplied by GPA’s sunshine request stated “Doing door lock/unlock feature that is controllable through the Electronic Control Unit (ECU) will only be possible with manufacturer’s Programming Guide for the Lock/Unlock for the specific vehicle models provided to IT&E by the Guam Power Authority.” This is not compliant with the C.2 requirement because IT&E is requesting GPA provide an accommodation not specified in the IFB. Nowhere in the IFB does it state GPA will provide access to the ECU if necessary. IT&E is simply non-responsive to this requirement because it requires an extra step not identified in the IFB.

#### **Requested Remedy by GPA**

It is further clear from the sunshine response from GPA that IT&E submitted a technically unacceptable bid. GPA appears to have simply ignored multiple deficiencies that render IT&E non-responsive and non-responsible for this project. TrackMe respectfully requests that GPA review the matter thoroughly, reject IT&E’s submission, and award the IFB to TrackMe as the next lowest responsive and responsible bidder.

\*\*\*

As TrackMe highlighted in its first protest, TrackMe has been honored to serve as GPA’s vendor for tracking services for over 5 years, and we would welcome the opportunity to discuss both this protest and the first protest with the Agency, as well as the remedy we have requested in order to resolve this Protest. We are available to discuss this letter, both protests, or other matters related to the IFB with GPA at any time. We understand that an automatic stay of procurement under Guam law and has already been issued by GPA. We look forward to the opportunity to find an agreeable resolution to this Protest in as expeditious a manner as can be achieved so that the stay can be lifted, and the process can continue.

Sincerely,

  
PRESIDENT TRACK ME

Enclosures: DFM 500D CAN Manual, MiFleet Export page, Third Party Fleet Management Software Provider (Navixy) page





**MiFleet Export Page**

**Export to File**

File name: 1580 - MFB - Unit: Ema (Moving) (2021-02-24 12:19:35)

File format:

- HTML
- PDF
- Excel
- XML
- CSV

Parameters:

- Compress report files
- Split entity
- Disable links to Google Maps in PDF and Excel files
- Attach map for PDF and HTML only
  - Squeeze in all graphics
  - Hide cartographic basis
- Generate report

	End	Final location
ila, Philippines	12:46:04	E. Rodriguez Jr. Ave. Tunasan, Muntinlupa, Met
ila, Philippines	18:20:21	E. Rodriguez Jr. Ave. Tunasan, Muntinlupa, Met
ila, Philippines	18:23:58	E. Rodriguez Jr. Ave. Tunasan, Muntinlupa, Met
ila, Philippines	18:53:03	E. Rodriguez Jr. Ave. Tunasan, Muntinlupa, Met
ila, Philippines	18:58:50	E. Rodriguez Jr. Ave. Tunasan, Muntinlupa, Met
ila, Philippines	12:28:22	Muning Mapino, Cavite, Philippines
@ 7 2021-02-24 12:21:48		Emilio Agumaldo Hwy, Mariano Espeleta li, Imus, Cavite, Philippines
	17:27:32	E. Rodriguez Jr. Ave. Tunasan, Muntinlupa, Met



**Third Party Fleet Management Software Provider (Navixy)**

navixy.com

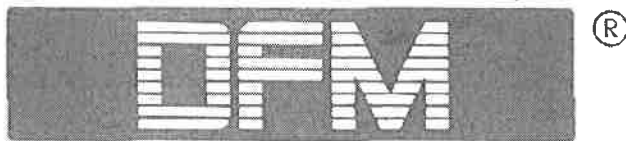
CONTACT US | LOGIN | REGISTER | PRICING | LOGIN | SIGN UP | LANGUAGE

Navixy PRODUCTS PLATFORM PARTNER COMMUNITY

## Flow meter vs Fuel level sensor

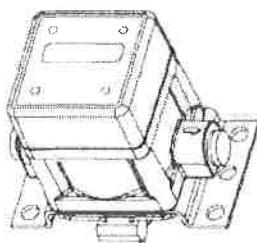
To solve typical issues related to fuel control, you and customers or partners can choose between a flow meter (FM), and a fuel level sensor (FLS). To help them choose, we recommend first looking at the key features:

Indicator	FLS	FM
The amount of fuel in the tank	Yes	No
Fuel fillings and draining	Yes	No
Fuel consumption per time period	Yes	Yes
Average fuel consumption for ex. 100km	Yes	Yes
Fuel control when driving on rough terrain	Yes. It's recommended to install 3 or more FLS in each tank	No
Fuel control during a long-lasting inclination (for ex. agricultural machines)	Yes. It's recommended to install 3 or more FLS in each tank	Yes
Interfaces for connection with a GPS tracker	Analog (frequency: 95-132, 95-485 GHz)	Onboard (95-132, 95-485 GHz)
Changes to the fuel line	Not required	Required. Changes to fuel system are required in some cases
Installation	Required	Not required
Installation time	From 15 to 30 min	From 4 hrs to several days
Equipment price	From 40 to 150 US\$	From 130 to 650 US\$

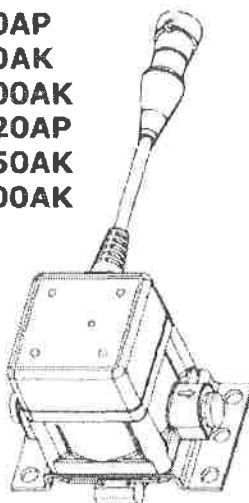


# FUEL FLOW METERS

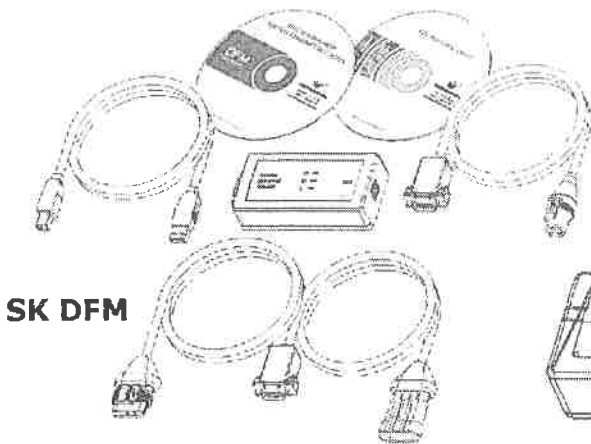
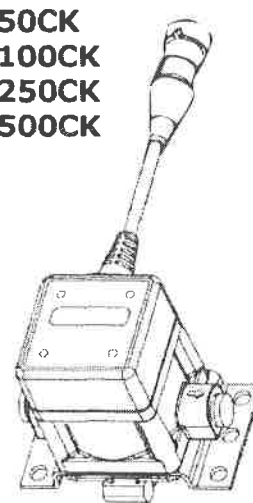
DFM 50B  
DFM 50C  
DFM 100B  
DFM 100C  
DFM 250B  
DFM 250C  
DFM 500C



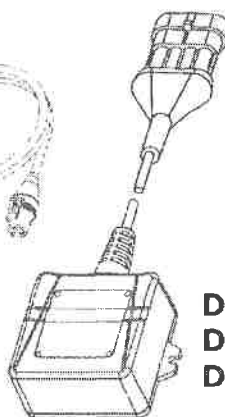
DFM 90AP  
DFM 50AK  
DFM 100AK  
DFM 220AP  
DFM 250AK  
DFM 500AK



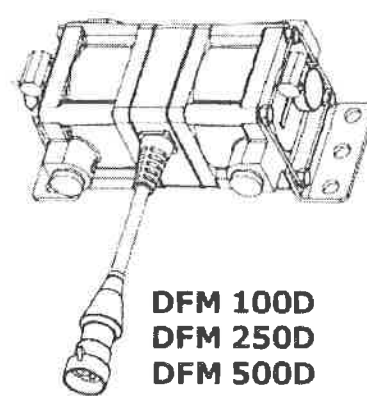
DFM 50CK  
DFM 100CK  
DFM 250CK  
DFM 500CK



SK DFM



DFM i5  
DFM i12.5  
DFM i20



DFM 100D  
DFM 250D  
DFM 500D

## OPERATION MANUAL (includes Service DFM software manual)

Version 3.1



TECHNOTON

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## Introduction

The Operation Manual contains guidelines and rules which refer to **DFM fuel flow meters** (hereinafter DFM), **SK DFM service kit** (hereinafter SK DFM) and **DFM i fuel consumption indicator** (hereinafter DFM i), developed by JV Technoton, Minsk, Belarus. The manual contains information on design, operation principle, specifications and instructions on installation, use and maintenance of DFM and DFM i. The manual defines SK DFM connection and usage guidelines as well as Service DFM utility (version 3.2 and higher) installation and use.

 is a precise tool for fuel consumption measurement. DFM can be used independently and as a part of GPS/GLONASS vehicle tracking system.

**SK DFM provides connection of DFM and PC for configuration and troubleshooting.**

**DFM i records and displays data received from the fuel flow meter with pulse output.**

### DFM features:

- **conformity with European and national automotive standards and directives;**
- **protected from unauthorized tampering and "cheating"\*;**
- **engine working time tracking** separately for different operation modes;
- **built-in mud filter;**
- **minimum fluid flow resistance;**
- **100 % of DFM are verified** with a certified metrological test rig;
- **great operating experience;**
- **high-quality technical support;**
- **affordable price.**

**ATTENTION!** It is strongly recommended to follow strictly the instructions of the present Manual when using, mounting or maintaining DFM, DFM i and SK DFM.

The Manual is intended for specialists who are familiar with automobile repair, mounting and maintenance and possessing professional knowledge in the field of electrical and electronic equipment of various vehicles.

To ensure proper DFM functioning its mounting and configuration should be carried out by certified professionals who have successfully passed manufacturer's **technical training**. Check out the web-site for details: <http://www.jv-technoton.com/> .

\* DFM AK, DFM B, DFM C, DFM CK and DFM D series.

See Figure 1 for identification codes for DFM ordering:

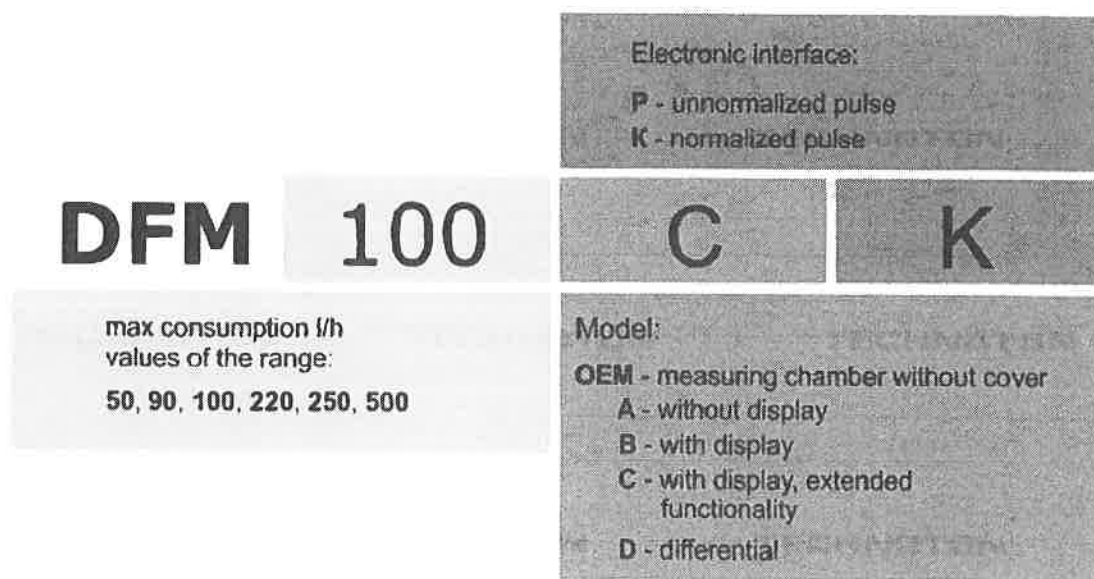


Figure 1 — DFM order identification codes

**SK DFM service kit** is required for configuration of DFM AK/CK/D series. Service kit is optional and ordered separately.

**Example of DFM order identification codes:**

**“DFM 50B fuel flow meter”,**  
(max. flow rate— 50 l/h; model with display).

**“DFM 100AK fuel flow meter”,**  
(max. flow rate— 100 l/h; no display; normalized pulse output).

The Manufacturer guarantees DFM compliance with the requirements of technical regulations subject to the conditions of storage, transportation and operation set out in this Manual.

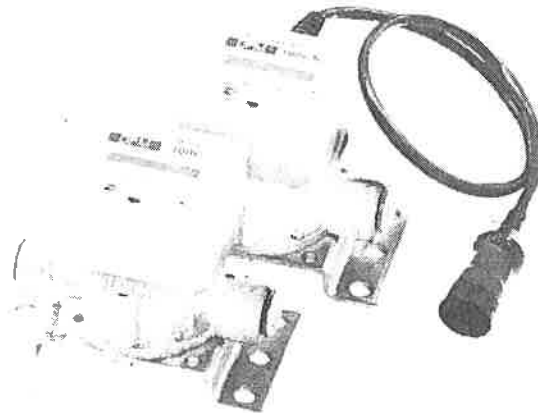
**Attention!** Manufacturer reserves the right to modify DFM specifications that do not lead to a deterioration of the consumer qualities without prior customer notice.



# 1 General information and technical specifications

## 1.1 Purpose of use and application area

**DFM**® is designed to measure fuel consumption of vehicles and stationary installations.



*Figure 2 — DFM application*

Use of DFM provides vehicle owners with the following:

- **actual fuel consumption records;**
- **registration of machinery working time;**
- **normalizing of fuel consumption limitations;**
- **fuel theft detection and prevention;**
- **real-time monitoring and fuel consumption optimization;**
- **fuel consumption tests for engines.**

## 1.2 Exterior view and delivery set

DFM delivery set includes (see Figure 3):



- |                                   |          |
|-----------------------------------|----------|
| <b>1</b> DFM fuel flow meter      | - 1 pc.; |
| <b>2</b> iButton key*             | - 1 pc.; |
| <b>3</b> 7.5m connection cable ** | - 1 pc.; |
| <b>4</b> Verification certificate | - 1 pc.; |
| <b>5</b> Specification            | - 1 pc.  |

Figure 3 — DFM delivery set

\* for DFM meters with built-in display

\*\* for DFM meters with interface output

## 1.3 DFM modifications

The following DFM types are available:

**1) Single-chamber (unidirectional) fuel flow meters** measure fuel volume passing through the fuel line.

**Single-chamber** meter modifications:

- **DFM B, DFM C** — fuel flow meters with built-in readout display;
- **DFM CK** — fuel flow meters with built-in readout display and interface output;
- **DFM AP, DFM AK** — fuel flow meters with interface output.

**2) Dual-chamber (bidirectional or differential) fuel flow meters** measure fuel consumption as the difference in volume of fuel flowing through the supply and return fuel lines.

**Dual-chamber** meter modifications:

- **DFM D** — differential fuel flow meters with interface output.

### 1.3.1 DFM B and DFM C models

**DFM B and DFM C (fuel flow meters with built-in readout display)** (see Figure 4) used for fuel consumption without any additional hardware and software.



Figure 4 — DFM B/C exterior view

Fuel consumption and vehicle operating time data is displayed on the built-in LCD display. Monitoring and recording is to be performed visually, copying out the data into a fuel timesheet, by a responsible person.

### 1.3.2 DFM CK model

**DFM CK model (fuel flow meter with built-in readout display and interface output)** (see Figure 5) can work both independently and as a part of automated fuel consumption control and vehicle monitoring system.



Figure 5 — DFM CK exterior view

Fuel consumption and vehicle operation time is displayed. In addition, fuel consumption data is sent to the pulse output.

### 1.3.3 DFM AP and DFM AK models

**DFM AP and DFM AK models (fuel flow meters with interface output)** (see Figure 6) are used to measure fuel consumption as a part of automated fuel consumption control and vehicle monitoring system\*.

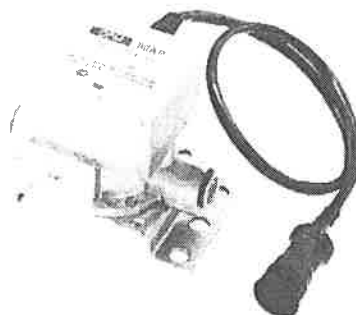


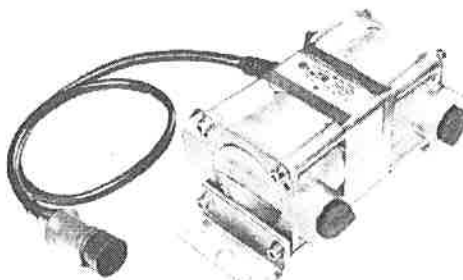
Figure 6 — DFM AP/AK exterior view

DFM AP and DFM AK models do not have displays but they have LED indicator on their covers. Flashing light signal indicates the fuel consumption data being sent to the pulse output.

\* can be used independently with DFM I fuel consumption indicator (see paragraph 5.3)

### 1.3.4 DFM D model

**DFM D model (differential fuel flow meters with interface output)** (see Figure 7) is used in vehicle fuel consumption monitoring systems installed in automotive and tractor machinery with modern EURO (TIER) 3/4/5\* diesel engines.



*Figure 7 – DFM D exterior view*

DFM D meters calculate fuel consumption as the difference in volume of fuel flowing through the supply and return fuel lines. Data is sent out via pulse output interface. DFM D has two LED indicators on its body. Flashing light signal indicates the proper operation of each of the measuring chambers.

---

\* can be used independently with DFM i fuel consumption indicator (see paragraph 5.3)

## 1.4 Measurement range and accuracy

Table 1 – Measurement range and accuracy

Model	Starting flow rate**, l/h	Min flow rate, l/h	Max flow rate, l/h	Relative accuracy error, %, not more than
DFM 50AK DFM 50B DFM 50C DFM 50CK	0.5	1	50	±1
DFM 90AP		3	90	±2
DFM 100AK DFM 100B DFM 100C DFM 100CK		2	100	±1
DFM 220AP	2	8	220	±2
DFM 250AK DFM 250B DFM 250C DFM 250CK		5	250	±1
DFM 500AK DFM 500C DFM 500CK		10	500	
DFM 100D	0.5*	10*	100*	±3***
DFM 250D	2*	25*	250*	
DFM 500D	5*	100*	500*	

\* Flow rate per each measuring chamber for differential meters.  
 \*\* Minimum threshold flow rate value when the meter starts operating. The value is indicated for reference only as accuracy is not standardized for operation on the starting flow rate.  
 \*\*\* Relative accuracy error of the differential consumption.

### ATTENTION!

In case the average flow rate of the vehicle engine is close to the upper capacity limit of a certain DFM model it is recommended to use DFM with a higher measurement range. That will ensure absence of a fuel flow meter's influence on the fuel system as well as longer DFM operating life.

## 1.5 Unit structure and operation principle

**DFM** consists\* of a ring-type measuring chamber **1**, top cover **2** with a microprocessor board inside, bracket **3** and interface output cable with connector **4**.

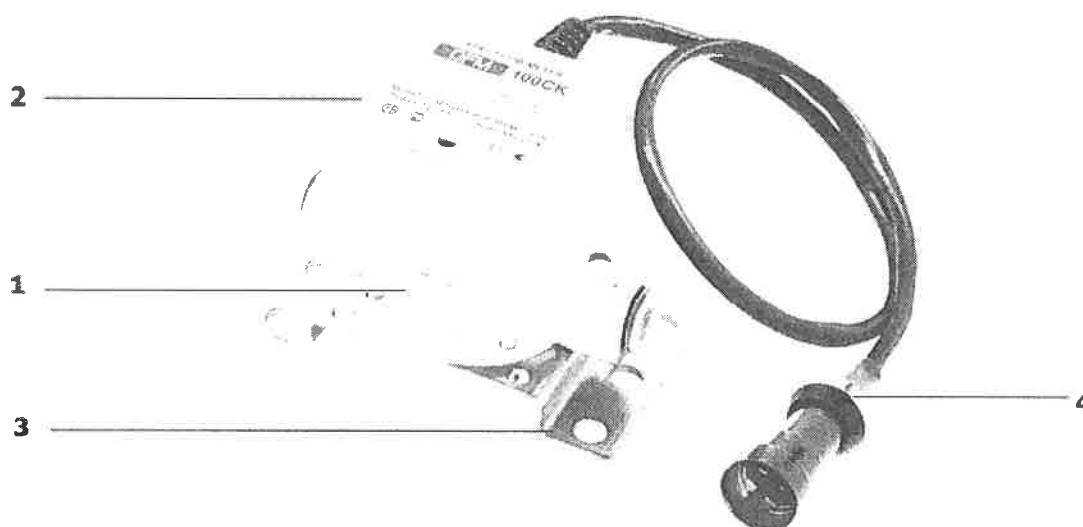


Figure 8 — DFM components

DFM is a direct volumetric fuel consumption measurement device with ring-type measuring chamber.

**The principle of DFM operation** is based on measurement of fuel volume that passes through its measuring chamber. Because of the pressure of the fuel coming to the measuring chamber through the inlet fitting the ring slides along the inner surface of the chamber and along the jumper at the same time. The ring pushes the fluid inside and outside itself out to the outlet fitting (see Figure 9).

Volume of fluid equal to the inner volume of the measuring chamber is pushed out during the full single turn of the ring. DFM electronics generates one output impulse at the same time.

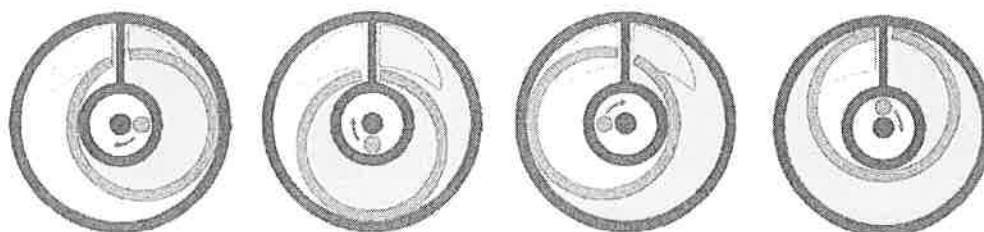


Figure 9 — DFM measuring chamber operation scheme

\* Structure is shown in an instance of single-chamber DFM with built-in display and interface output.

**Distinctive design features of DFM fuel flow meters:**

- DFM structure provides fluid flow even in case the ring is blocked (e.g. as a result of clogging of the chamber);
- special coating of the ring ensures its durability and wear resistance;
- measuring chamber is made of durable and lightweight zinc-aluminum (ZA) alloy;
- built-in mud filter effectively protects the chamber from clogging. Filter can be removed and cleaned without disassembling the body of the DFM;
- M14x1.5 and M16x1.5 threaded fittings allow DFM mounting on any automotive vehicles without any special adapters;
- increased nominal bore for minimum fuel flow hydraulic resistance;
- improved magnetic circuit reduces sensitivity to hydraulic shocks in the engine fuel system.

## 1.6 Technical specifications

### 1.6.1 Working fluids

DFM can be used for following fluids flow measurement:

- diesel fuel (GOST 305, STB 1658);
- heating oil (GOST 10585);
- burner oil (GOST 10585, STB 1906);
- motor fuel (GOST 1667);
- biofuel (GOST R 52808, STB 1658);
- Other liquid fuels and mineral oils with kinematic viscosity of 1.5 to 6 mm<sup>2</sup>/s.

**Attention!**

- 1)** All DFM are verified with diesel fuel. Indicate viscosity when ordering DFM for measuring different fluid type.
- 2)** When operating with fluids having kinematic viscosity over 6 mm<sup>2</sup>/s the upper limit of DFM capacity range will get lower than nominal one and the pressure drop will increase.
- 3)** Impurities size should not exceed 0.08 mm.
- 4)** DFM flow meters are made of petrol resistant materials. However the declared lifetime of the measuring chamber is not guaranteed when operating with petrol (see 1.6.3).



## 1.6.2 Main specifications

See Table 2 for DFM main specifications.

Table 2 — DFM main specifications

Parameter, measurement units	Value
Max pressure, MPa	2.5
Nominal pressure, MPa	0.2
Filtering degree of measured fluid, mm, not more than	0.08
Connection thread	M14x1.5 M16x1.5*
Pressure drop at maximum flow rate, nominal pressure, diesel fuel at 20 °C, MPa, not more than	0.02
Supply voltage range, V	from 10 to 50
Current consumption at 12 V, mA, not more than	50
Current consumption at 24 V, mA, not more than	25
Temperature range, °C	from -40 to +80**
Environment relative humidity at t 40 °C, %, not more than	95
Vibration resistance	Max. acceleration to 100 m/s <sup>2</sup> in the frequency range from 5 to 250 Hz (GOST 3940, GOST R 50607)
Resistance to aggressive environments	Oil and petrol resistance (GOST 3940, GOST R 52230)
Electromagnetic compatibility	<ul style="list-style-type: none"> <li>• ESD Protection, severity level II (GOST 30378, GOST R 50607);</li> <li>• electromagnetic interference protection, severity level IV (STB ISO 7637-2, GOST 28751).</li> </ul>
Overall dimensions	See Annex A
Weight	
* For DFM 500 series.	
** Data is displayed in environment temperature range from -20 to +60 °C for flow meters with built-in display.	

### 1.6.3 Specifications of measuring chambers

Table 3 — Specifications of measuring chambers

DFM model	Nominal diameter (DN), mm	Nominal volume of the measuring chamber, ml	Operational life limit of the measuring chamber*, l
DFM 50AK DFM 50B DFM 50C DFM 50CK	6	5	70000
DFM 90AP			
DFM 100AK DFM 100B DFM 100C DFM 100CK DFM 100D	8	12.5	175000
DFM 220AP			
DFM 250AK DFM 250B DFM 250C DFM 250CK DFM 250D	12	20	350000
DFM 500AK DFM 500C DFM 500CK DFM 500D			

\* Contact the service center for flow meter diagnostics and verification when it exceeds the operational life limit.

### 1.6.4 Power supply modes

DFM fuel flow meters can operate in the following power supply modes:

- **External power supply (DFM AP, DFM D models)** — DFM is powered from the external power source (e.g. vehicle onboard power supply).
- **Stand-alone power supply (DFM B, DFM C models)** — DFM is powered from the built-in lithium-silicon battery. Estimated DFM operation time until full battery discharge is not less than 24 months.
- **Combined power supply (DFM AK, DFM CK models)** — DFM is powered from the external power source or built-in battery (in case external power is off). Power supply is switched to stand-alone mode in case of low level of external power supply (less than 10V). Estimated DFM operation time in this mode is not less than 24 months.

**ATTENTION!** Pulse output is not active when **DFM AK** and **DFM CK** are powered from the internal battery. For **DFM CK** data can be read from the display according to Table 5.

**DFM AK** and **DFM CK** fuel flow meters have a **function of recording the data on fuel consumption when onboard power goes off**. When onboard power is back on, the electronic board of the fuel meter sends pulses with a higher frequency (the frequency is approximately 2 times higher than an output pulse rate for maximum flow rate). That signal contains all pulses counted during the period external power supply was off.

### 1.6.5 Operation modes

Table 4 – Operation modes of the fuel flow meters

Engine operation			Interference	
Normal consumption $Q_0 < Q \leq Q_{max}$				The impact of constant magnetic field for more than 5 seconds
Idle $Q_0 < Q < 2.5Q_{min}$	Optimal $2.5Q_{min} \leq Q < 0.75Q_{max}$	Overload $0.75Q_{max} \leq Q \leq Q_{max}$	Tampering $Q > Q_{max}$	
Q — instant consumption; $Q_0$ — starting flow rate; $Q_{min}$ — lower limit of the meter capacity range; $Q_{max}$ — upper limit of the meter capacity range.				

## 1.6.6 Displayed data

DFM models with display are marked with letters **B**, **C**, and **CK** (see Introduction, Figure 1). **DFM B** model has a **regular data set**. **DFM C** and **DFM CK** have **extended data sets** (see Table 5).

Display information switching is performed by 1-2 seconds light touch to the top cover of the fuel flow meter by iButton key (see Figure 10).



Figure 10 — Switching display screens

In order to save the charge of the built-in battery the DFM display goes to sleep mode one minute after the last touch of the cover by the iButton. At the same time dots are shown on the display (see Figure 11).



Figure 11 — Display view in sleep mode

When the display is touched next time it wakes up and shows data again

Table 5 – DFM display information screens

Screen No	Displayed data	Digit capacity	Units	Data set	
				regular (DFM B)	extended (DFM C/CK)
1	Total Fuel Consumption counter	0.1	liters	+	+
2	Total Fuel Consumption counter with higher digit capacity	0.001	liters	+	+
3	Engine Operation Time counter	0.1	hours	-	+
4	Engine Operation Time in Idle Mode counter	0.1	hours	-	+
5	Engine Operation Time in Optimal Mode counter	0.1	hours	-	+
6	Engine Operation Time in Overload Mode counter	0.1	hours	-	+
7	Fuel Consumption in Tampering Mode counter	0.1	liters	+	+
8	Interference Time counter	0.1	hours	+	+
9	Instant Fuel Consumption	0.1	liters/hour	+	+
10	Battery Charge in Percentage of the Maximum	10	%	+	+
11	Temperature in the Measuring Chamber	1	°C	-	+
12	Firmware Version (X.X) and Chamber Volume (Y)	—	—		

**Screen 1** displays **Total Fuel Consumption** counter value (with 0.1 L step) accumulated since DFM release.

**Screen 2** displays **Total Fuel Consumption counter value with higher digit capacity** (0.001 L), accumulated since DFM release.

**Screen 3** displays the counter reading **Engine Operation Time** accumulated as the total time of engine operation in **all** modes including idle run.

**Screens 4, 5, and 6** display the counter readings of **Engine Operation Time In Idle, Optimal and in Overload Modes** accumulated by DFM as a total engine operation time in corresponding modes (see 1.6.5).

**Screen 7** displays the counter readings of **Fuel Consumption In Tampering Mode** accumulated by DFM measured as the amount of fuel higher than maximum consumption (see 1.6.7). Value increase of this counter indicates the incorrect installation of the fuel flow meter or possible facts of fuel theft.

**Screen 8** displays the counter reading **Interference Time** accumulated by DFM as the total time of exposure to external factors (strong magnetic field). Increase of the values of this counter may indicate an installation of the fuel flow meter near a source of strong electromagnetic radiation or deliberate attempts to lock the fuel meter (see 1.6.7).

**Screen 9 Instant Fuel Consumption** displays current value of fuel consumption. It can serve for a visual check of device operability and its correct installation.

**Screen 10 Battery Charge in Percentage of the Maximum** displays the value of remaining charge of integrated battery.

Note — When the environment temperature is below 10 °C, displayed value of remaining charge can decrease by 10-30 %.

**Screen 11 Temperature in the Measuring Chamber** displays current temperature value in the measuring chamber of the fuel flow meter.

**Screen 12 Firmware Version and the Chamber Volume** displays the firmware version installed on the fuel meter, as well as the exact volume of the measuring chamber.

### 1.6.7 DFM protection from tampering and intervention

In order to avoid false readings, meter damage or blocking DFM models with built-in display (DFM B, DFM C and DFM CK) have the following modes of protection against malicious acts of third parties:

**1) Tampering mode** is to protect from tampering which has a purpose to increase fuel consumption counters readings (e.g. blowing with air). Tampering usually causes a rapid increase of readings exceeding maximum flow rate limit. DFM electronics registers this increase and suspends fuel consumption counters. At the same time Tampering counter is activated. It records volume value that passes through the meter at the increased flow rate.

DFM displays dashes being in Tampering Mode (see Figure 12).



Figure 12 — Display view in Tampering Mode

The meter will automatically exit Tampering mode in few seconds since back to normal operation conditions.

**2) Interference Mode** is made to protect DFM from magnetic field impact with the purpose to stop fuel counting or to tamper readings of fuel consumption. When exposed to external magnetic field, DFM registers an attempt of interference, and as the result increment of all the counters stops, and the time of exposure is recorded in a special Interference Time counter.

DFM displays vertical strokes in Interference mode (see Figure 13).



Figure 13 — Display view in Interference Mode

The meter will automatically exit Interference mode in few seconds since back to normal operation conditions.

**3) Stand-alone power supply mode** of **DFM AK** and **DFM CK** when external power supply is off. Flow meter is powered by own battery.

**4) Sealing** — original DFM accessories supplied by Technoton (fittings, valves, etc) have special **sealing holes**. Sealing of the mounting elements allows detecting unauthorized access to the fuel system.

### 1.6.8 DFM pulse output signal specifications

See Figure 14 for specifications of pulse output signal of DFM meters with unnormalized pulse (**DFM AP** model).

Number of output pulses generated by the meter for 1 liter of measured fuel flow is indicated in specification and sticker marking on meter's interface cable.

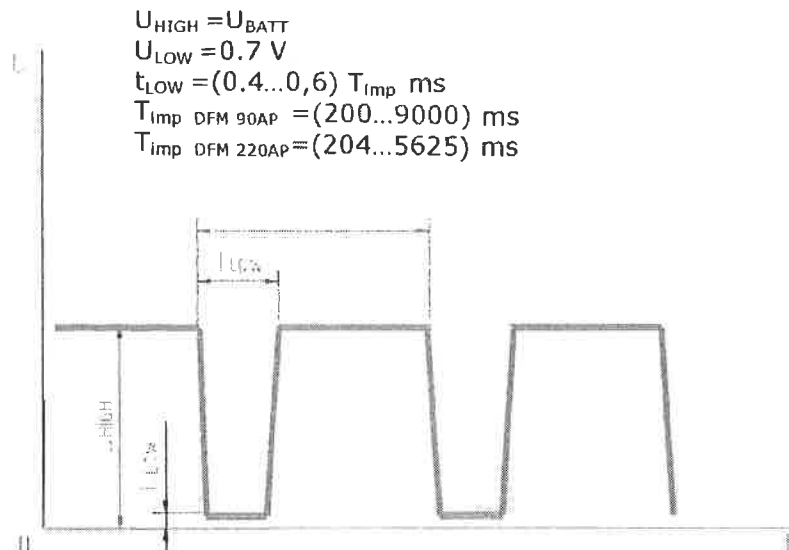


Figure 14 — View of unnormalized pulse signal of DFM AP model

Fuel flow meters with **normalized pulse output** (DFM AK, DFM CK, and DFM D models) generate certain number  $N_{\text{pulse/l}}$  of output pulses for 1 liter of measured fuel flow (see Table 6). This number is indicated in product specification as well.

Normalized pulse signal view is shown in Figure 15.

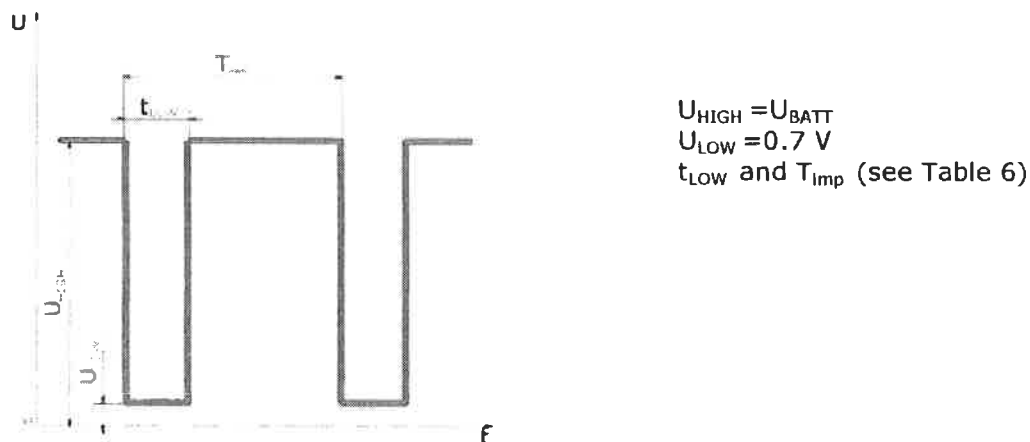


Figure 15 — Normalized pulse signal view of DFM AK, DFM CK, and DFM D models


Table 6 — Parameters of normalized pulse of DFM AK, DFM CK, and DFM D models

Model	$T_{\text{imp}}$	$t_{\text{LOW}}$	$N_{\text{imp/l}}$
<b>DFM 50AK</b> <b>DFM 50CK</b>	from 360 to 18000 ms	80 ms	200
<b>DFM 100AK</b> <b>DFM 100CK</b> <b>DFM 100D</b>	from 180 to 9000 ms		
	from 200 to 36000 ms	from 100 to 500 ms	
<b>DFM 250AK</b> <b>DFM 250CK</b> <b>DFM 250D</b>	from 180 to 9000 ms	80 ms	80
	from 200 to 90000 ms	from 100 to 500 ms	
<b>DFM 500AK</b> <b>DFM 500CK</b> <b>DFM 500D</b>	from 144 to 7200 ms	80 ms	50
	from 180 to 144000 ms	from 54 to 500 ms	














## 1.7 DFM compatibility with terminals (trackers)

**Technoton guarantees full compatibility and joint accuracy of fuel consumption measurement of DFM and CKPT 45, CKPT 25, CKPT 21 and CKPT 31 terminals.**

Additional information on DFM use in  vehicle tracking and fuel monitoring system as well as the range of CKPT terminals and their specifications can be found at [www.jv-technoton.com](http://www.jv-technoton.com)

Technoton regularly conducts tests for compatibility and joint accuracy of DFM with different models of terminals (vehicle tracking devices) of popular brands. Table 7 shows the models of terminals compatible with DFM providing accuracy of joint measurement of fuel consumption not more than  $\pm 1\%$ .

Table 7 — Vehicle tracking devices compatible with DFM

No	Terminal			Analytical software (tracking platform)
	Brand	Name	Model	
1		CKPT	31	ORF-MONITOR
2			25	
3			45	
4		MapOn	GBOX6	MapOn web server
5		NaviFleet	ET100	NaviFleet
6		Locarus	702X	LocarusInformer
7			702R	
8			702S	
9		SCOUT	MT-530	Scout Explorer
10			MT-600 GP PRO	
11		Naviset	GT-10	GPS-Trace Orange
12		BCE	Fm Light	Wialon
13		VOYAGER	2	RITM-PCN
14		GLOSAV	BK11-02	GLOSAV
15		Autograf	GSM+	AutoGRAF
16		Ruptela	FM-Pro3	Trust-Track web server

Relevant information about the compatibility of specific terminal and DFM models and recommendations for their connections and setups can be found at [www.jv-technoton.com](http://www.jv-technoton.com)

## 1.8 DFM selection

**IMPORTANT! Final decision on applicability of particular DFM model for a particular vehicle must be made by a trained installation specialist after vehicle inspection.**

### 1.8.1 Selection depending on engine power (boiler output capacity)

DFM selection depending on engine power (output capacity for boilers) is performed according to Table 8.

*Table 8 — DFM Selection depending on the engine power (boiler output capacity)*

<b>Engine power, kW</b>	<b>Boiler output, kW</b>	<b>Recommended fuel flow meters</b>
up to 80	Up to 400	<b>DFM 50B DFM 50C DFM 50AK DFM 50CK</b>
from 80 to 150	from 400 to 800	<b>DFM 90AP DFM 100B DFM 100C DFM 100AK DFM 100CK</b>
from 150 to 300	from 800 to 1500	<b>DFM 220AP DFM 250B DFM 250C DFM 250AK DFM 250CK</b>
from 300 to 600	from 1500 to 3500	<b>DFM 500C DFM 500AK DFM 500CK</b>

## 1.8.2 Selection depending on fuel flow rate in supply and return lines of the engine

Selection of the **differential** DFM depends on fuel flow rate in supply and return lines of the engine according to Table 9.

*Table 9 — Selection of the differential DFM depending on fuel flow rate values in supply and return lines*

Minimum flow rate, l/h	Maximum flow rate, l/h	Recommended differential fuel flow meters
10	100	<b>DFM 100D</b>
25	250	<b>DFM 250D</b>
100	500	<b>DFM 500D</b>

### **ATTENTION!**

**1)** Maximum and minimum fuel flow rate values in supply and return lines of the engine can be found in performance specification of the engine fuel pump.

**2)** Installation of a differential DFM on the fuel system with high performance pump and engine with small fuel consumption is not recommended. For example, the booster pump performance is 300 l/h, fuel consumption in idle run mode is 5-6 l/h, and relative fuel measurement error in supply and return lines is 1 %, absolute error value of differential measurement is up to 6 l/h. That is comparable with the amount of fuel consumed by the engine.

**3)** Counter-indication to install a differential fuel flow meter is the fact of air presence in the supply or return fuel lines.

## 2 DFM installation and setup

This section contains general recommendations on DFM mounting.

**Check out DFM Installation Manual for detailed information** (available when taking technical training course).

### 2.1 Exterior inspection prior to works start

It is required to conduct DFM exterior inspection for the presence of the possible defects arisen during transportation, storage or careless use:

- visible damages of the meter body, fittings, bracket, display, interface cable and connector;
- backlash of component parts or gaps between them.

Contact the supplier if any defects detected.

### 2.2 Estimation of vehicle condition

Before DFM installation the vehicle condition must be estimated and conclusion made on possibility to install DFM.

Estimation of the vehicle includes the following sequence:

1. Start the engine and check its operation for 5-10 minutes at idle and 5-10 minutes in movement under load. The engine must run evenly, not stall under load, loss of power must not be felt.
2. Inspect all fuel pipes of the vehicle for damage and fuel leakage.
3. Check electric system voltage with a voltmeter. 12 V onboard power system should have voltage in the range from 10 to 18 V. 24 V onboard power system should have voltage in the range from 18 to 32 V.
4. Check the return flow of the injectors. In case of significant return flow of the injectors measurement accuracy error will get higher because this returned volume gets back to tank and is double-counted by DFM. Injectors maintenance is recommended prior to DFM installation in this case.
5. Check pressure in the fuel line with a pressure gauge. Hydraulic resistance of a selected DFM working at nominal flow rate should not lower the pressure by more than 5%.
6. Check the quality of the chassis ground of the vehicle. Resistance between any point of chassis and the "-" clamp of the battery should not exceed 1 Ohm.

According to the results of the check a **Vehicle Inspection Report** should be filled in and signed (see Annex B).

The customer should eliminate any malfunctions recorded to the report before DFM installation.

## 2.3 General installation instructions

**ATTENTION!** This chapter provides particular cases of the engine operation scheme. Read carefully the technical documentation of the vehicle in order to make a decision on applicability of the meter on this particular vehicle.

**The following is needed for DFM mounting:**

- DFM;
- mounting kit (does not come with DFM delivery set, ordered separately);
- bracket (ordered separately). In some cases is not needed;
- automobile hand tool kit (sets of spanners, screwdrivers, etc.).

DFM can be mounted in any position: vertical, horizontal or tilted. Avoid sharp bends of cable and fuel pipes when mounting.

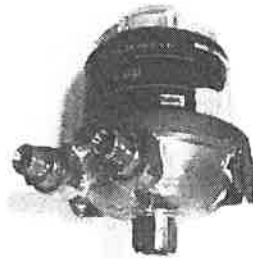
**ATTENTION!** When fitting the mounting bracket of the DFM **vehicle frame drilling is prohibited!** If fitting of the mounting plate is impossible with bolts, **spot welding is allowed.**

The following **rules** must be observed when mounting:

- 1) Vehicle fuel lines must be protected from any external damage.
- 2) It is prohibited to reduce internal dimension of the fuel pipes on bends.
- 3) Mounting of the fuel pipes of the vehicle should be made with buckles every 0.5 m.
- 4) Fuel pipes need to have some spare length in order to compensate length changes due to the temperature.
- 5) DFM installation on the elements of the vehicle subject to heating or vibration is not recommended.
- 6) When connecting fuel pipes, flanges and threaded connections must be clean.
- 7) When installing, only **new** copper sealing washers from a mounting kit have to be used.
- 8) Rubber fuel pipes must be connected to the elements of the fuel system using drive type nipples or direct flow fittings and secured with hose clamps or with crimping coupling of necessary diameter.
- 9) After DFM installation, it is necessary to remove air from the fuel system.

**ATTENTION!**

- 1)** Only consumed volume of fuel should pass through DFM in case of using single-chamber meter. Most times it is required to modify return fuel line of the fuel system (see 2.4.2, 2.4.3).
- 2)** If foam is present in the return pipe, installation of fuel deaeration system is required. To eliminate air bubbles and prevent them from getting into the fuel line **deaerators** are used (see Figure 16).



*Figure 16 — Deaerator*

## 2.4 Fuel flow meters mounting schemes

### 2.4.1 Typical engine fuel system scheme

The most common scheme of the fuel system of diesel engine is shown in Figure 17.

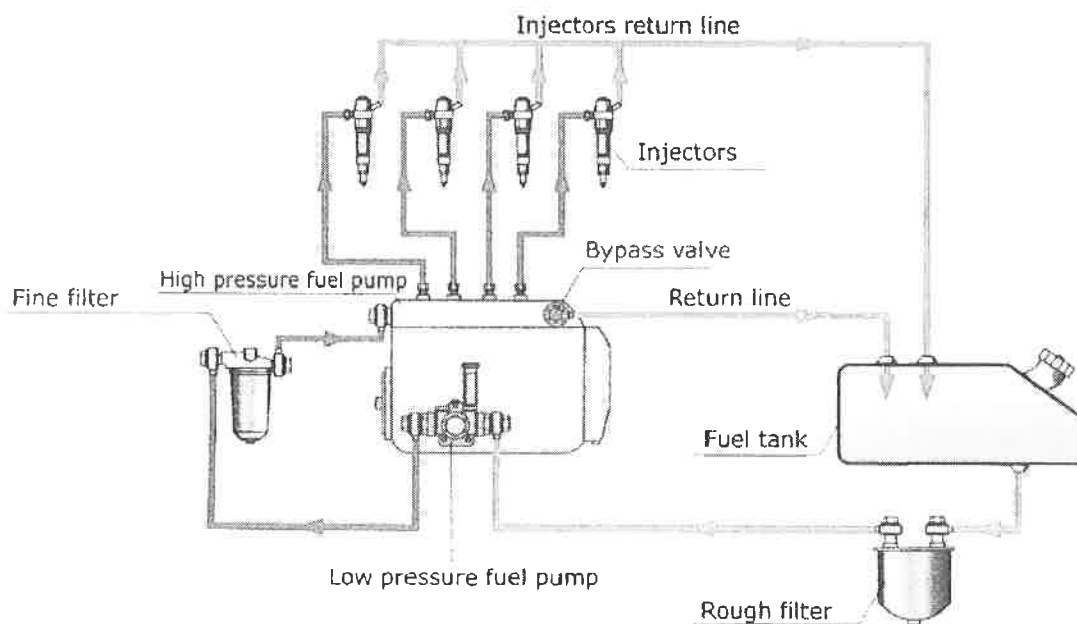


Figure 17 — Typical fuel system scheme

The low pressure fuel pump pumps significantly more fuel to the input of the high pressure fuel pump than the engine needs in any operation mode. Excess fuel from the high pressure fuel pump and injectors flows back to the fuel tank.

One peculiarity of automobile operation is uneven fuel consumption. Besides that hydraulic shocks can cause errors in DFM work. In order to compensate hydraulic shocks at the fuel flow meter it is **recommended to install a non-return valve after the DFM.**

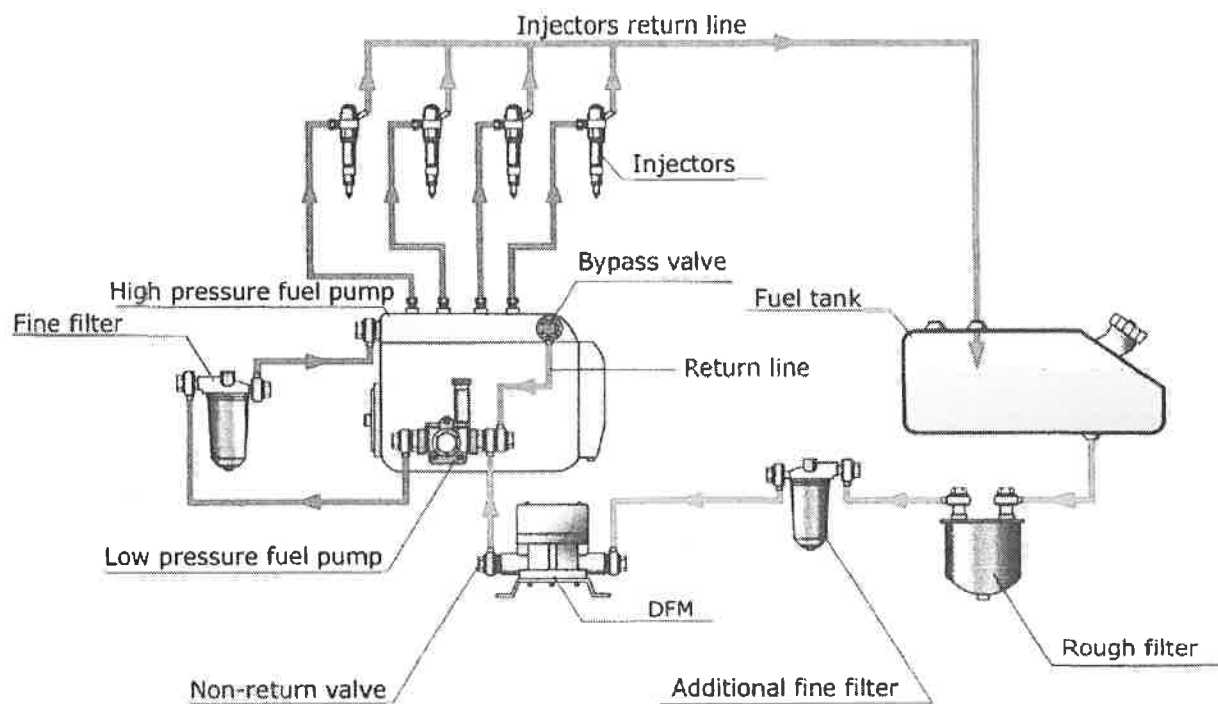
### 2.4.2 DFM installation before the pump

DFM installation according to Before the Pump scheme involves installation of a fuel flow meter in the part of the fuel system where the flow of fuel is carried out due to depression created by a low pressure fuel pump.

**ATTENTION!** DFM installation before the pump requires compulsory use of additional fine filter on the line from the tank to the DFM

Particular case of DFM installation according to Before the Pump scheme:

In order to install a DFM in the fuel system with a low pressure fuel pump (see Figure 18) according to this scheme, it is necessary to use the line between the rough filter and the low pressure fuel pump input.



*Figure 18 — DFM installation according to Before the Pump scheme with a low pressure pump*

When injectors operate correctly their return flow is less than 0.1 % of fuel consumption, and therefore this can be negligible.

In order to prevent measuring of the fuel returns back to the tank, it is necessary to make changes in the return line.

In this particular case the return line from the high pressure fuel pump has to be modified in such way that fuel could circulate in a small circle without fuel tank participation. It can be done by connecting return line of the high pressure fuel pump with low pressure fuel pump input.

Thus fuel from two lines flows to the low pressure fuel pump input:

- 1) from the fuel tank through DFM flow meter;
- 2) from high pressure fuel pump return line.

For proper operation of the modified fuel system install a bypass valve at the high pressure fuel pump output, which will support necessary constant pressure of 1-1.5 atmosphere. At DFM output a 0.35-0.5 atmosphere non-return valve has to be installed which will prevent fuel flow in the opposite direction and will reduce fuel system's hydraulic shocks at the DFM.

After the fuel system is modified according to depression scheme, all excess fuel pumped by the low pressure fuel pump will be directed from the high pressure fuel pump output to low pressure fuel pump input.

**Thus only the fuel that is consumed by the engine flows through the DFM.**



**ATTENTION!** One of advantages when excess fuel returns back to the tank is fuel heating in the tank. Therefore, when a vehicle is used in low temperature environment, it is not recommended to modify the fuel system. Use differential DFM flow meters instead or install a fuel heater.

In order to install DFM according to Before the Pump scheme without low pressure pump (see Figure 19), it is necessary to use the line between a rough filter and a bypass valve of the high pressure fuel pump. At the same time installation of additional fine filter between the rough filter and DFM is necessary.

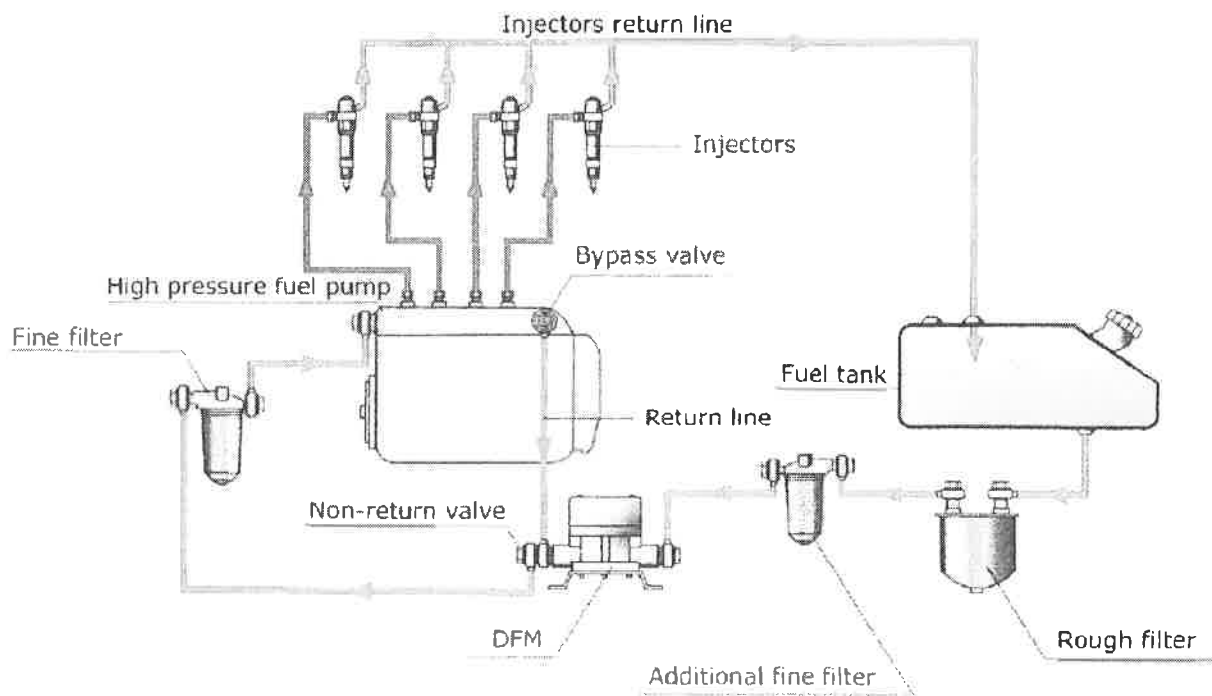


Figure 19 — DFM installation according to Before the pump scheme without a low pressure pump

**Advantages of the scheme:**

- minimum interference into the fuel system;
- simple installation;
- applicable for most engines.

**Disadvantages of the scheme:**

- requires installation of an additional fine filter and causes additional costs;
- additional load on the low pressure fuel pump;
- fuel is not heated in the tank by return flow line (it sometimes requires fuel heater installation).

**2.4.3 DFM installation after the pump**

DFM installation after the pump involves installation of flow meter in the line after the low pressure pump where fuel flows under pressure.

Particular case of DFM installation according to After the Pump scheme:

In order to install DFM according to pressure scheme in the fuel system with LPFP (see Figure 20), it is necessary to use the line between fine filter and high pressure fuel pump input.

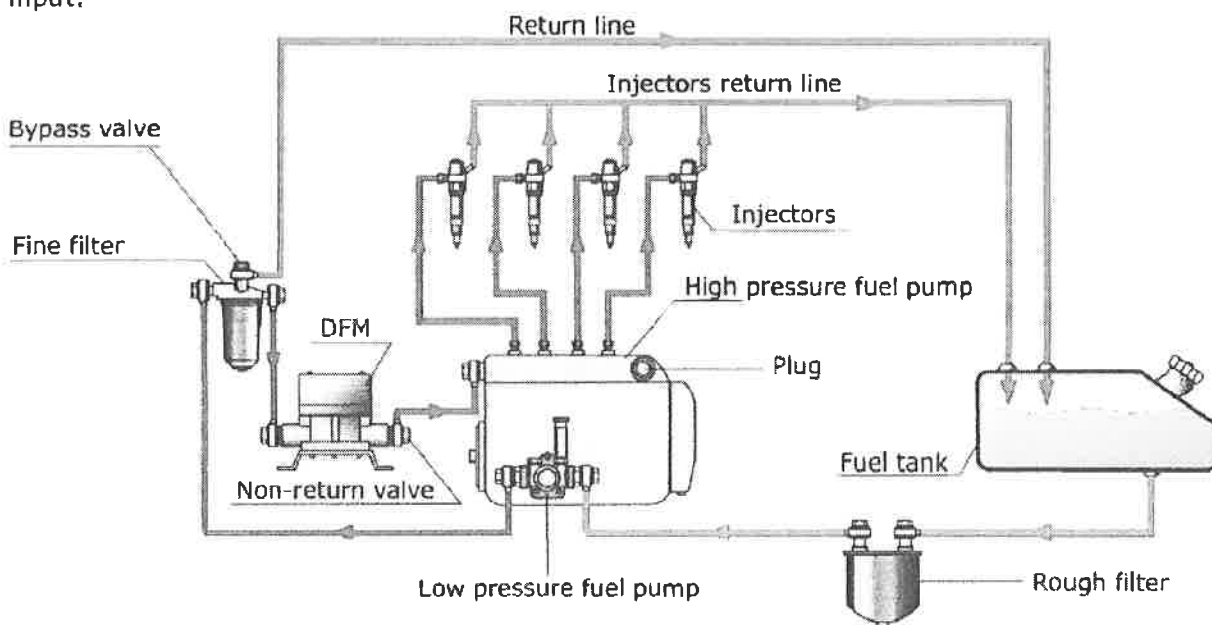


Figure 20 — DFM installation according to After the Pump scheme

Return flow from the high pressure fuel pump has to be modified to fuel circulation in a small circle without fuel tank involvement i.e. the return line needs to be moved from high pressure fuel pump output to fine filter input, and high pressure fuel pump output needs to be plugged.

For correct operation of modified fuel system a bypass valve has to be installed at the fine filter input which will support necessary constant fuel pressure at 1-1.5 atmosphere in the

line between the fine filter and high pressure fuel pump input. Install a 0.35-0.5 atmosphere non-return valve at the DFM output to prevent fuel flow through the DFM in the opposite direction. This will decrease fuel system hydraulic shocks at the DFM.

Thus, excess fuel pumped by low pressure fuel pump will be dropped back to the fuel tank from fine filter's side; and only amount of fuel consumed by the engine will flow through the flow meter

#### **Advantages of the scheme:**

- DFM is installed after a regular fine filter;
- fuel flows under pressure and doesn't overload the low pressure fuel pump;
- return fuel flow can heat fuel in the tank.

#### **Disadvantages of the scheme:**

- High pressure fuel pump is slightly deteriorated;
- Return flow fuel temperature is lower than with a regular fuel system.

### **2.4.4 Differential DFM installation scheme**

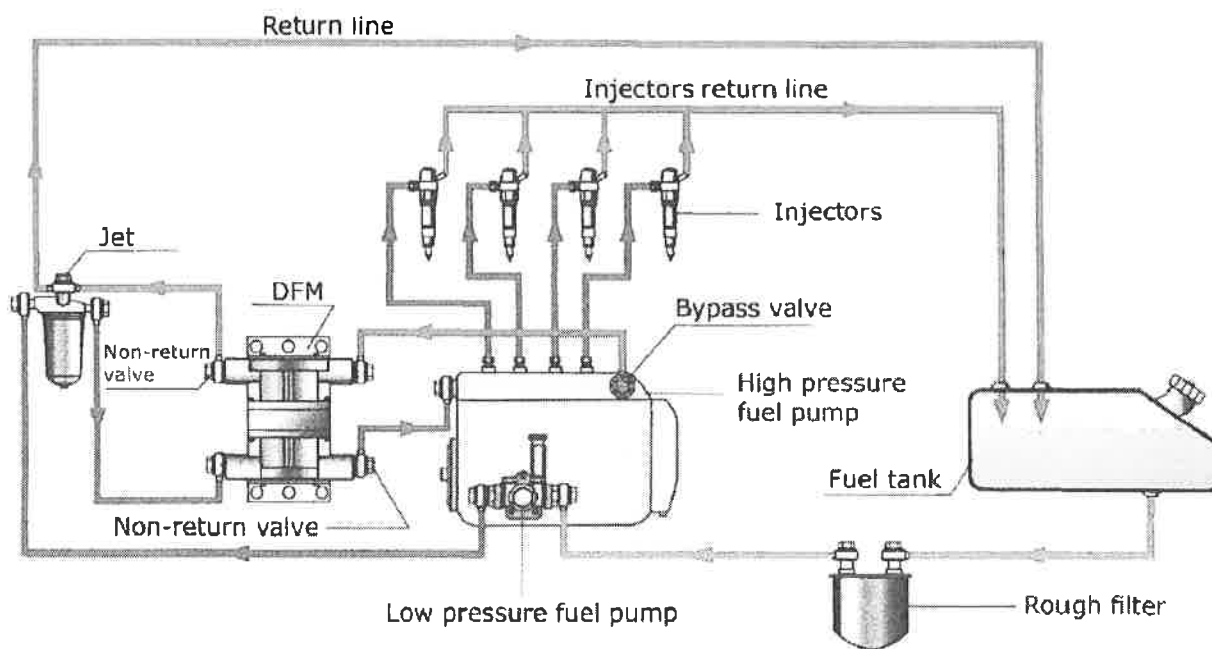
**ATTENTION!** Differential fuel flow meters installation in fuel systems with high performance low pressure fuel pump and small fuel consumption is not recommended due to increase of measurement errors higher than allowed (see Table 1).

Fuel circulation in the fuel system doesn't change with differential measurement. Supply-flow chamber of differential DFM is to be installed in the gap of supply fuel line of the engine. Return-flow chamber is to be installed in the gap of the return line. Fuel consumption is calculated as a difference of measured values of fuel flows in straight-flow and return-flow chambers.

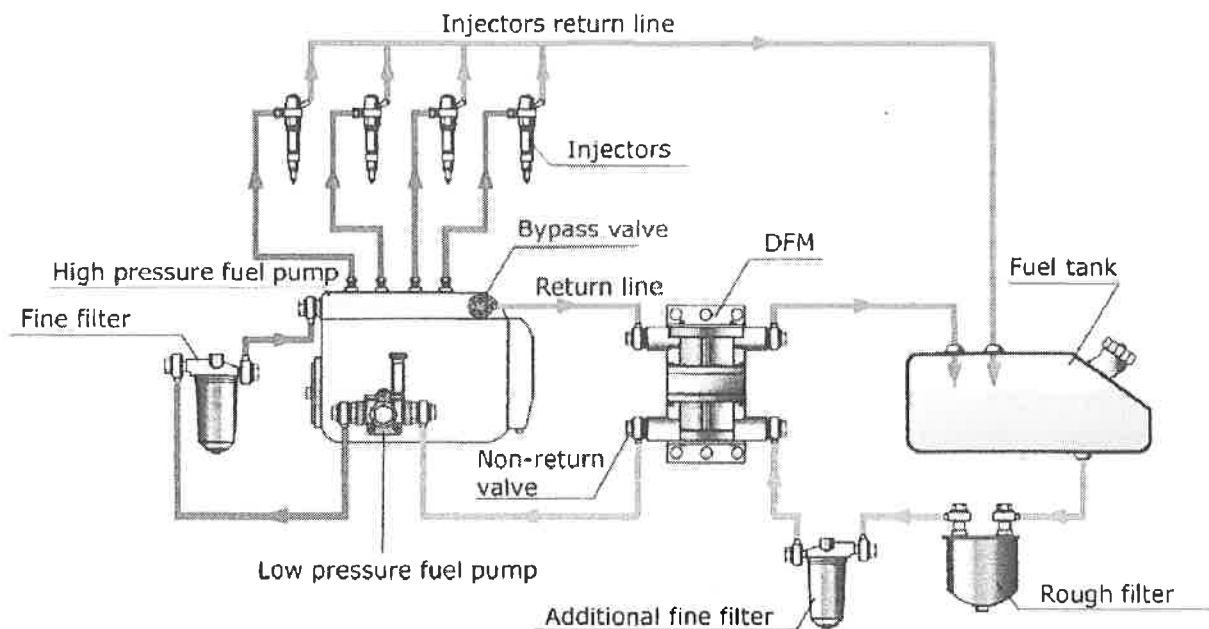
#### Particular cases of differential DFM installation scheme:

- 1) Installation of the supply chamber is made after the low pressure fuel pump (**After the Pump scheme**) (see Figure 21 a).
- 2) Installation of the supply chamber is made before the low pressure fuel pump (**Before the Pump scheme**). In this case **additional fine filter** installation is required (see Figure 21 b)

Return-flow chamber of differential DFM in both cases is to be installed in return line between high pressure fuel pump output and the fuel tank.



a) Supply chamber installation after the pump



b) Supply chamber installation before the pump

Figure 21 — Differential DFM installation scheme

**Advantages of differential installation scheme:**

- no changes in the fuel system;
- installation possible for engine during warranty period.

**Disadvantages of differential installation scheme:**

- higher cost;
- higher fuel consumption measurement error;
- additional fine filter and DFM increase load on the low pressure fuel pump.

## 2.5 Electrical connection

Fuel flow meters with interface cable (**DFM AP, DFM AK, DFM CK, and DFM D**) are supplied with electrical power from onboard vehicle power source.

### ATTENTION!

**1)** When connecting DFM to onboard power source it is necessary to connect feed "+" and chassis "-" wires to the same sockets where appropriate wires of recording and display devices are connected.

**2)** Before starting electrical connection of the sensor special attention must be paid to the quality of the chassis ground. Resistance between any point of the chassis and the negative clamp of the battery must not exceed 1 Ohm.

**3)** It is strictly recommended to lay DFM pilot cable together with standard electrical wiring of the vehicle with mandatory fixing with buckles every 50 cm (see Figure 22).

DFM interface  
cable

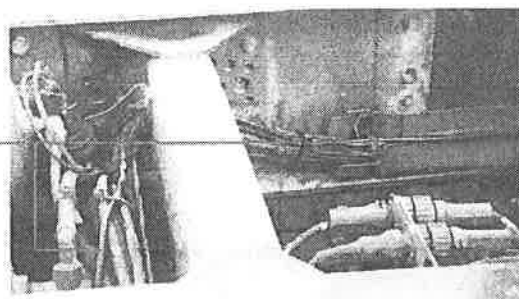


Figure 22 — Laying DFM interface cable

DFM electrical connection is made according to interface cable wire assignment (see Table 10).

It is recommended to use **terminals** and **connectors** for DFM electrical connection (see Figure 23).

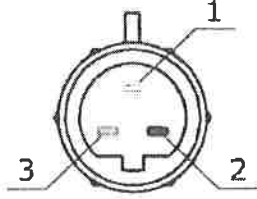


a) terminals

b) connectors

Figure 23 — Terminals and connectors for DFM connection

Table 10 – DFM interface cable pinout and wire assignment

Connector view	Pin number	Wire marking	Wire color		Assignment
	1	OUT	White		Pulse output (see p. 1.6.8)
	2	GND	Brown	●	Ground
	3	VBAT	Orange	●	Power supply “+”

## 3 DFM configuration with SK DFM service kit

All DFM fuel flow meters are calibrated and verified by the manufacturer with a diesel fuel and supplied ready for use. Number of pulses generated by DFM output for 1 liter of measured fuel is indicated in product specification.

When DFM is used as a part of GPS/GLONASS vehicle tracking and fuel monitoring system the interface output cable of the meter is connected to the pulse counter input of the tracking device (terminal). Number of pulses per liter taken from the specification is recorded to the correspondent setting of the tracking platform.

**Depending on specific conditions of operation additional configuration of DFM AK, DFM CK, DFM D is possible to ensure better performance and accuracy. Configuration is made with SK DFM service kit.**

### 3.1 SK DFM application

**SK DFM is designed for connection of DFM flow meters to a PC for configuration, view of counter values, diagnostics and data exchange with a PC.**

SK DFM can be used with the following DFM models:

- single-chamber with normalized pulse output interface (DFM AK);
- single-chamber with display and interface output (DFM CK);
- differential (DFM D).

Service DFM utility should be installed on a PC for SK DFM operation. Service DFM installation CD is included into SK DFM delivery set.

Up-to-date version of the utility can be downloaded from [www.jv-technoton.com](http://www.jv-technoton.com)

Service DFM functions:

- viewing flow meter specifications;
- checking and modifying flow meter settings;
- viewing values of counters;
- saving meter profile to PC;
- loading previously saved profiles to the meter;
- printing profiles;
- monitor flow meter output data;
- diagnostics of the meter;
- updating firmware of the meter.

### 3.2 Hardware requirements

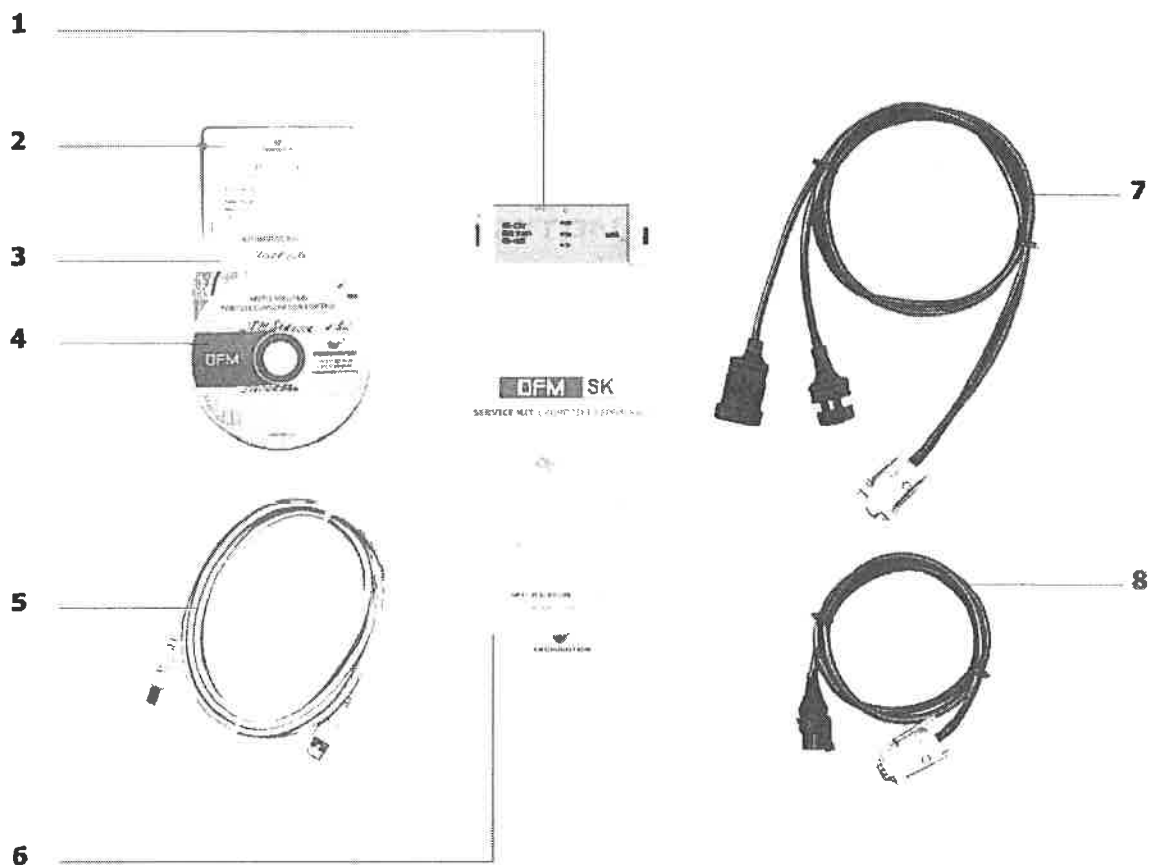
To run Service DFM utility IBM-compatible PC is required (desktop or laptop):

- CPU - Intel or AMD with a minimum clock speed of 800 MHz;
- RAM - 256 MB (recommended 512 MB or more);
- USB port;
- CD-ROM / DVD-ROM;
- operating system - Windows XP/Vista/7;
- Additional software - Microsoft.NET Framework 3.5 or higher.

### 3.3 Service kit delivery set

#### 3.3.1 Exterior view and delivery set

SK DFM delivery set includes the following items (Figure 24):



- 1** - universal service adapter;
- 2** - license certificate of Service DFM utility;
- 3** - CD Driver USB;
- 4** - CD Service DFM utility;
- 5** - USB A-B cable;
- 6** - SK DFM specification;
- 7** - DFM i service cable;
- 8** - DFM service cable.

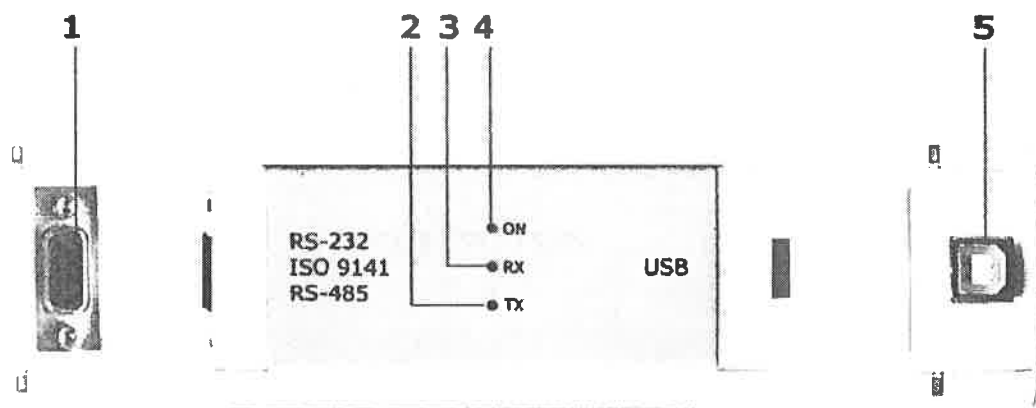
Figure 24 — SK DFM delivery set



### 3.3.2 Universal service adapter

Universal service adapter (hereinafter adapter) is designed to transmit data between DFM and PC.

See Figure 25 for adapter exterior view.



- 1 - RS-232/ISO 9141/RS-485 socket for DFM connection;
- 2 - TX yellow LED indicator of data transmitted to DFM;
- 3 - RX green LED indicator of data received from DFM;
- 4 - ON red LED indicator of power supply;
- 5 - USB B port for PC connection.

Figure 25 — Adapter exterior view

### 3.3.3 USB A-B Cable

USB A-B cable is used for connection of PC and adapter (see Figure 26)

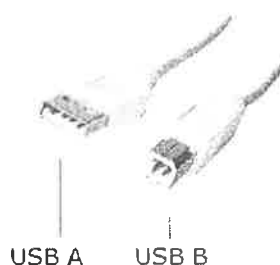
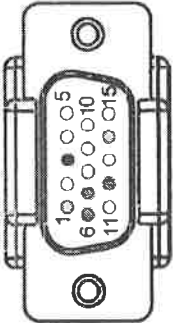












Figure 26 — USB A-B cable connectors

### 3.3.4 DFM service cable

DFM service cable is used to connect adapter to the flow meter.  
See Table 11 for pinout of DFM service cable.

Table 11 — DFM service cable pinout

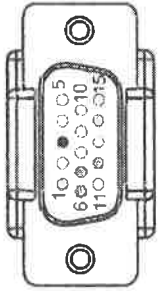






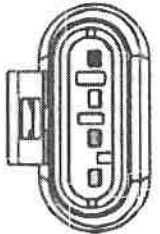



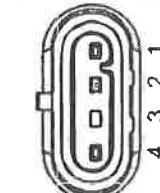

View	Pin number	Wire		Signal	
		Marking	Color	Assignment	Type
	1	VBAT	 Orange	Power supply	Analog, Voltage 0...32 V
	3	KLIN	 Black	K-Line	Serial, ISO9141 standard
	6	GND	 Brown	Ground	-
	7	GND	 Brown	Ground	-
	12	SEL2	 Brown	K-Line selection	Discrete
	14	VEE	 Orange	Power supply	Analog, Voltage 0...32 V
	1	KLIN	 Black	K-Line	Serial, ISO9141 standard
	2	GND	 Brown	Ground	-
	5	VBAT	 Orange	Power supply	Analog, Voltage 0...32 V

### 3.3.5 DFM i service cable

DFM i service cable is used to connect adapter to fuel consumption indicator (readout display)\* See p.3.10.3.

See Table 12 for pinout of DFM i service cable.

Table 12 — DFM i service cable pinout

View	Pin number	Wire		Signal		
		Marking		Color	Assignment	Type
	1	VBAT		Orange	Power supply	Analog, Voltage 0...32 V
	3	KLIN		Black	K-Line	Serial, ISO9141 standard
	6	GND		Brown	Ground	-
	7	GND		Brown	Ground	-
	12	SEL2		Brown	K-Line selection	Discrete
	14	VEE		Orange	Power supply	Analog, Voltage
	1	VBAT		Orange	Power supply	Voltage
	2	GND		Brown	Ground	-
	3	PULSE IN		White	Pulse input	Pulse, pulse duration 0.5...500 ms
	4	KLIN		Black	K-Line	Serial, ISO9141 standard
	2	GND		Brown	Ground	-
	3	PULSE IN		White	Pulse input	Pulse, pulse duration 0.5...500 ms

\* Indicators with firmware version 3.0 or higher can be connected. SK DFM utility 4.0 or higher required.

## 3.4 Software installation

The following software should be installed on PC before starting work with SK DFM:

- USB driver creating virtual COM port (CD Driver USB);
- Service DFM utility (CD Service DFM).

### 3.4.1 USB driver installation

**Attention!** SK DFM will not operate correctly without prior USB driver installation.

Insert CD Driver USB into CD-ROM (DVD-ROM) and run installation file CP210x\_VCP\_Win\_XP\_S2K3\_Vista\_7.exe.

Welcome to the InstallShield Wizard window will appear (Figure 27)

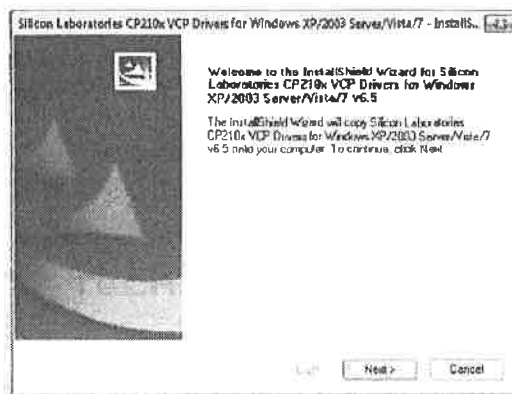


Figure 27 – Welcome to the InstallShield Wizard window

Push  button to start the first leg of USB driver installation. Then just follow installation wizard instructions.

You can see installation status in Setup Status window (see Figure 28).

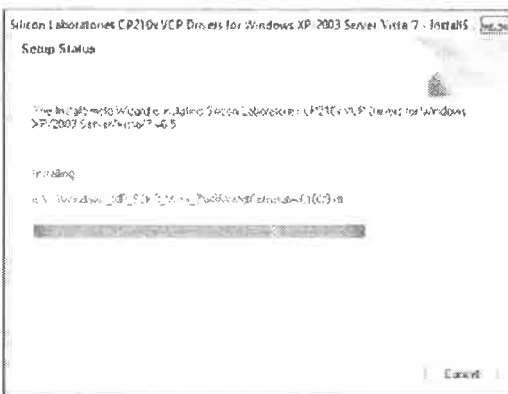


Figure 28 — Setup Status window

When the first leg is finished check Launch the CP210xVCP box in InstallShield Wizard Complete window (see Figure 29) and push .

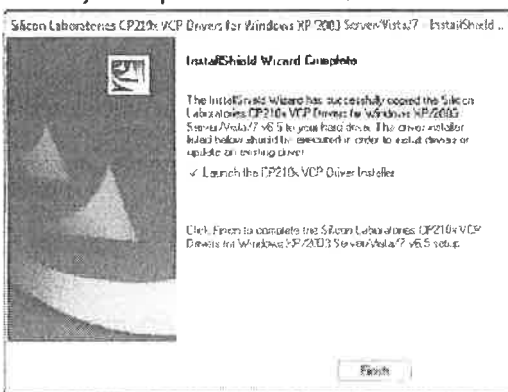


Figure 29 — InstallShield Wizard Complete window

Silicon Laboratories CP210x USB to UART Bridge Driver Installer window will appear. Push  and USB driver installation will be continued (see Figure 30).

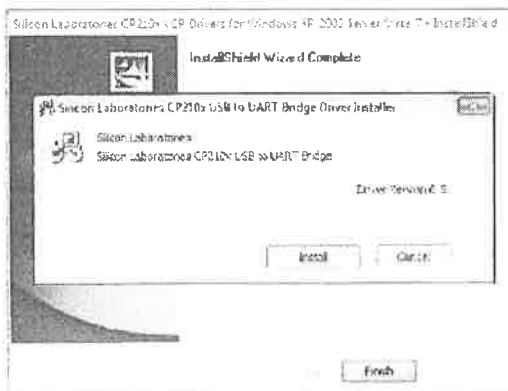


Figure 30 — Silicon Laboratories CP210x USB to UART Bridge Driver Installer window

Successful installation notification window will appear as soon as installation is finishes (see Figure 31).



Figure 31 — Successful installation notification window

### 3.4.2 Service DFM utility installation

Insert CD Service DFM into CD-ROM (DVD-ROM) and run installation file DFMServicevXXsetup.exe.

Note — XX corresponds to the version of utility. The latest version described in the present manual is 3.2.

Select installer language out of the drop-down list (see Figure 32).

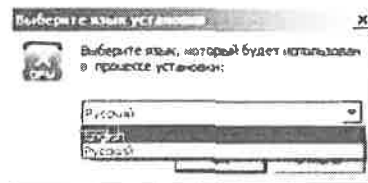


Figure 32 — Installer language selection

Push  button to start installation of the utility (see Figure 33) and follow the instructions.



Figure 33 — Service DFM installation

The following window will indicate the process of installation of Service DFM files (Figure 34).



*Figure 34 — Installation progress*

Since the installation of Service DFM utility is finished PC is ready for SK DFM connection and operation (see Figure 35).



*Figure 35 — Successful completion of Service DFM installation*

## 3.5 SK DFM connection

### 3.5.1 Exterior inspection prior to connection

It is necessary to conduct SK DFM exterior inspection for the presence of the possible defects arisen during transportation, storage or careless use:

- visible damages of the adapter body and connectors;
- connector and insulation damages of service cables and USB A-B cable.

Contact the supplier if any defects detected.

### 3.5.2 Operation restrictions

Avoid the following when connecting SK DFM to the meter mounted on the vehicle:

- ingress of fuel and lubricants and moisture to the contact pins of adapter slots or connectors of service cables and USB A-B cable;
- potential damage of the adapter and cables by the rotating and heating elements of the engine.

**ATTENTION!** To avoid any SK DUT-E faults in communication between PC and sensor make sure there are no sources of electromagnetic interference close to the workplace (running electric motors, welding equipment, high-power transformers, power lines, etc.).

### 3.5.3 Connecting DFM to PC

**ATTENTION!** Power down the electrical system of the vehicle prior to DFM connecting to the PC. Use the battery switch or take off the battery contact terminals.

DFM meters are connected to PC through SK DFM according to the connection schemes (see Figure 36).

Follow the instructions:

- 1) Plug DFM to RS-232/ISO 9141/RS-485 RS-232/ISO 9141/RS-485 adapter slot with DFM service cable.

Note — use DFM i service cable to connect DFM i indicator \*.

- 2) Plug the adapter to USB port of PC with the USB A-B cable \*\*.

\* Indicators with firmware version 3.0 or higher can be connected.  
SK DFM utility 4.0 or higher required.

\*\* Connecting the adapter to the PC's USB port is allowed both before and after DFM service utility launch.



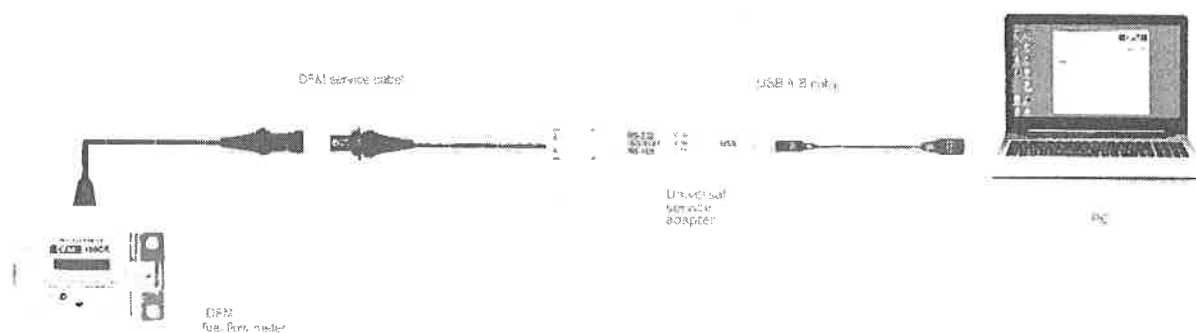
## Notes

1 Power is supplied from USB port of the PC for DFM meters and DFM i fuel counter\*. SK DFM is ready to work since the moment of connection to USB port of PC.

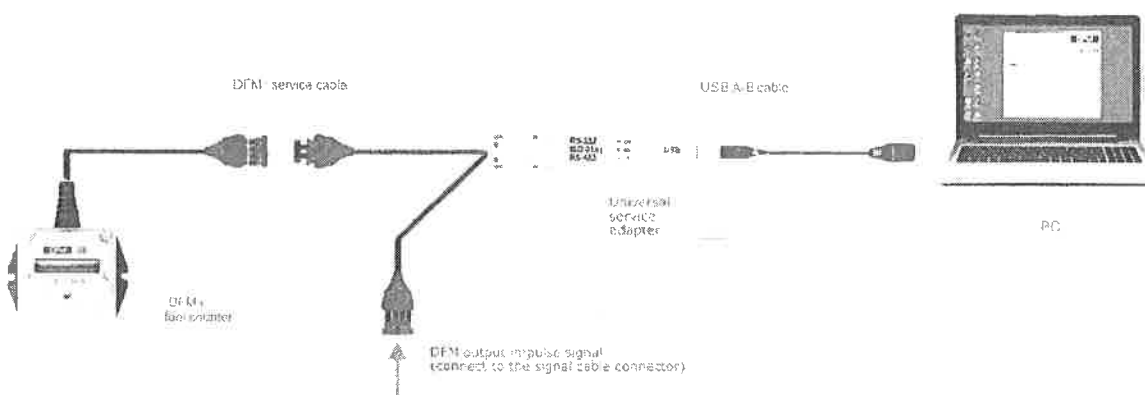
2 When configuring the indicator in case you need to check the data records on engine working time in different modes, switch on the battery to supply DFM with power.

Red LED indicator with ON marking lights since SK DFM is connected to PC. If the meter is not connected to the adapter or if Service DFM utility is not launched, then the indicator will turn off 15 seconds later.

In case the red Led indicator does not light make sure USB A-B cable is connected properly or reinstall USB driver (see 3.4.1).



a) configuring DFM



b) configuring fuel counter\*

Figure 36 — SK DFM connection schemes

\* See DFM i operation manual.

## 3.6 Service DFM utility

### 3.6.1 User interface

Service DUT-E user interface consists of **Horizontal menu**, **Vertical menu**, **Connection status area** and **Information and configuration area** (see Figure 37)

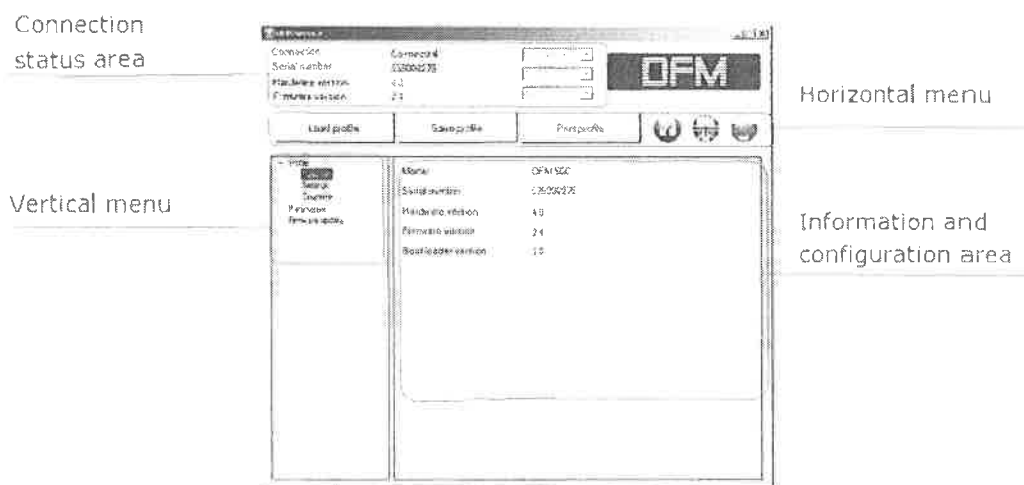


Figure 37 — Service DFM user interface

The top left area is **Connection status area** which displays current connection status of the meter (Connected/Disconnected), serial number, hardware and firmware version of the connected meter.

**Horizontal menu** located under Connection status area provides following options:

- meter profile options (loading profile, saving profile, printing profile);
- selection of interface language;
- viewing help file and information about the utility;

**Vertical menu** is located at the bottom left side of the window and used for selection of sensor profile entries which are displayed in **Information and configuration area** at the right side of the window.

Vertical menu also contains diagnostics and firmware update entries.

### 3.6.2 Utility launch and initial setup

Service DFM is launched with a  label which is created during the installation process.

Before the adapter is connected to USB port of the PC the window of the utility will look according to Figure 38.

Connection status area will display: Connection- Disconnected, Serial number – Unknown, Hardware version – Unknown, firmware version – Unknown.



Figure 38 — Service DFM window

Initial setup includes:

- selection of the virtual COM port of the PC;
- selection of the interface language.

**ATTENTION!** Virtual COM port number can be determined only if:

- 1) USB driver is installed (see 3.4.1).
- 2) Adapter is connected to the USB port of the PC.

Virtual COM port opening error message will appear when the Service DFM utility is launched with no adapter connected to USB port of PC (see Figure 39).



Figure 39 — Virtual COM port opening error message

The number of virtual COM port is displayed at Silicon Laboratories CP210x USB to UART Bridge entry, located in Ports (COM and LPT) list of Windows device manager (see Figure 40).

Device manager can be launched the following way:

- Windows XP — Start → Control Panel → System.  
Select Hardware tab and click Device manager button.
- Windows Vista/Windows 7 — Start → Control Panel → Device manager.

Note — Virtual port COM11 is used in screenshots for present manual.

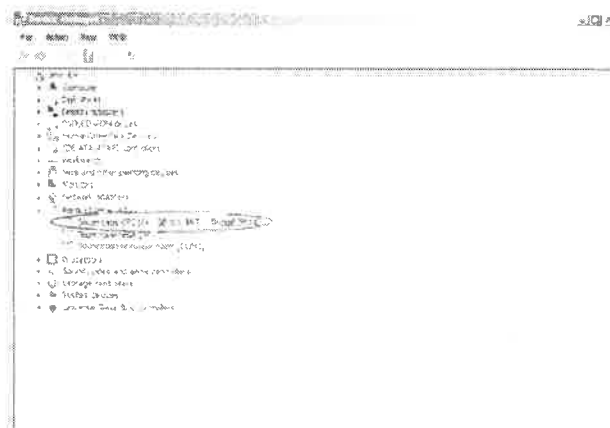


Figure 40 — Virtual com port at Device manager



Select the proper COM port from the drop-down list in Connection status area of the window (see Figure 41).

Figure 41 — Virtual COM port selection

**ATTENTION!** It is recommended to use the same USB port of the PC for adapter connections when working with Service DFM utility.

Interface language is set with the click on one of the two buttons in the Horizontal Menu.

Push  button for English interface or  for Russian interface.

Since the language is changed the utility will automatically restart.

**ATTENTION!** Virtual COM port and language settings are saved in Service DFM configuration file. No need to reconfigure these settings during the following launches.

### 3.6.3 Flow meter connection

After the initial setup of Service DFM is made select model of the connected flow meter in Model drop-down list at Connection status area (see Figure 42). Then plug DFM service cable to the interface cable connector of the flow meter.



Figure 42 — Selection of the flow meter model

In 2-5 seconds the new window should appear indicating that the process of meter memory reading is finished (see Figure 43).



Figure 43 — Memory reading finished

After clicking  button Service DFM utility will load the profile of the connected flow meter. Connection status will change to Connected. Serial number, hardware and firmware versions will be displayed (see Figure 44).

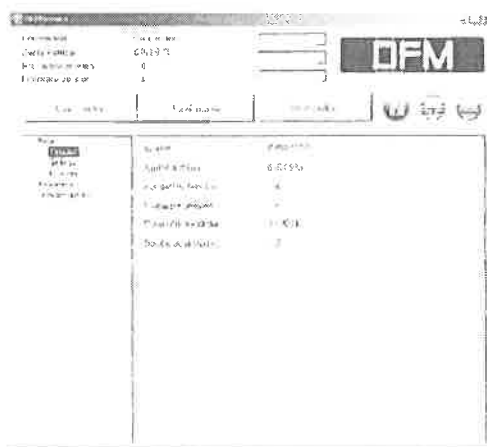





Figure 44 — Service DFM window after flow meter connection and profile loading

Signal values of LEDs located on the adapter body, when working with a profile of the connected meter shall conform to Table 13

Table 13 – LED signal description

LED indicator		Signal description
Marking	Status and light color	
ON		Power supply is on (from USB)
	No signal	Power supply is off (supply voltage is below the minimum required)
RX		DFM data is being received
	No signal	No data from DFM
TX		Data is being transmitted to DFM
	No signal	No data to DFM

In case of an interruption of the working session without prior closing of the utility window (for example, if you accidentally disconnect USB cable or DFM service cable), Service DFM will display connection error message (see Figure 45). After the cables are reconnected the connection of PC with the flow meter will be automatically restored.



Figure 45 – Connection error message

### 3.6.4 Flow meter profile


Service DFM utility is designed for managing flow meter profile. Profile is a set of passport (specification) data, settings and counters of the flow meter.

It is possible to manage the profiles in both meter connected mode and autonomous mode with no meter connected. In autonomous mode it is possible to work with previously saved profiles.

Profile can be stored as a file to PC hard drive or loaded into the memory of the meter. It can be printed as well.

**ATTENTION!** The present manual describes Service DFM operation mode with connected meter. Some functions and setting are not available in the autonomous mode.

### 3.6.5 Load profile

Click  button of the Horizontal menu to load profile from the flow meter. The following options available (see Figure 46):

- **Load profile from file** — for loading of previously saved profile from the hard drive or removable disk. Select the \*.prf file of the flow meter profile in the appeared Open window.
- **Load default profile** — for loading of profile with default factory settings of the selected flow meter model for utility evaluation purpose with no flow meter connection.
- **Load profile from device** — for loading of profile from the connected meter.

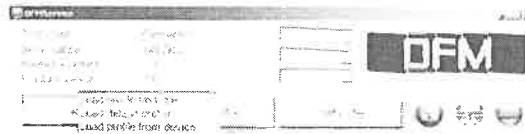
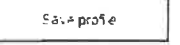


Figure 46 — Profile loading

### 3.6.6 Save profile

Click  button of the Horizontal menu to save the results of the work with profile. The following options available (see Figure 47):

- **Save profile to file** — for saving profile to the hard drive or removable disk. Select the location and give a name to \*.prf file in the appeared Save window. Saved profile can be then loaded to other DFM flow meters of the same model.
- **Save profile to device** — for saving the changes of the profile settings into the memory of the connected flow meter.



Figure 47 — Profile saving

**Access authorization** is used to protect from unauthorized configuration of the connected flow meter\*.

Enter flow meter **password** to pass authorization check (see Figure 48). Password (access code) is a combination of four digits from 0 to 9 indicated in the attachment of the sensor specification (pink paper sheet).

**ATTENTION!** If the password of the flow meter been lost contact Technoton technical support via e-mail [support@technoton.by](mailto:support@technoton.by).

Requirements for password recovery request:

- scan copy of the request signed and sealed by the official representative of the company the flow meter been purchased by should be attached;
- request should contain serial number of the meter;
- email should contain full name and contact e-mail of a person who should receive the recovered password.

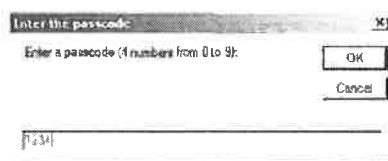


Figure 48 — Entering flow meter password

Invalid password entering will cause error message (see Figure 49).



Figure 49 — Invalid password message

After the profile is saved into the flow meter memory Service DFM utility will display a correspondent message (see Figure 50).

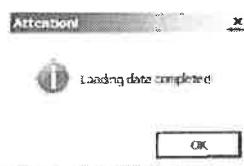
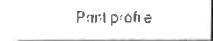


Figure 50 — Data uploading is finished

\* Access authorization is required only for DFM D series. It is not required for DFM AK/CK modifications.



### 3.6.7 Print profile

Click  button of Horizontal menu to print the profile. Select printer and printing settings in the **Print** window (see Figure 51).

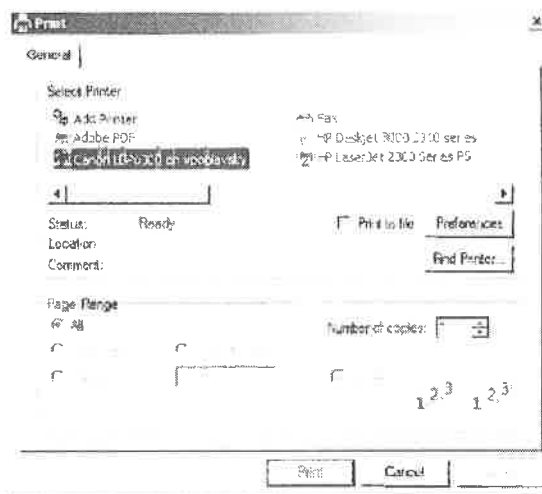


Figure 51 — Print window

The printed copy will contain flow meter profile data as well as the date when it been printed.

**Attention!** It is recommended to attach the hardcopy of the profile to the meter's specification to log the history of the settings and configurations.

See Annex D (Figures D.1 and D.2) for examples of printed profiles of DFM D and DFM AK/CK flow meters.

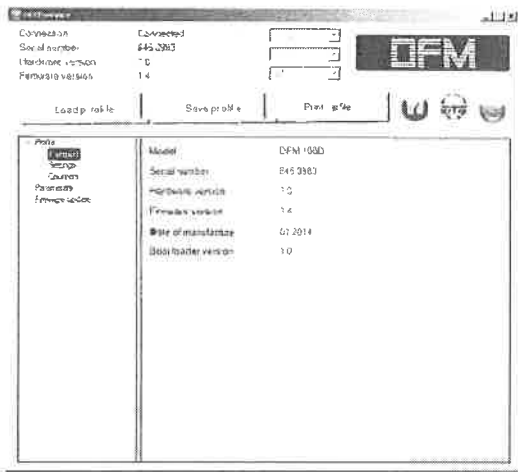
### 3.6.8 Vertical menu description. Profile - Passport

After loading the profile of the flow meter **Passport** submenu displays the following information on connected DFM (see Figure 52):

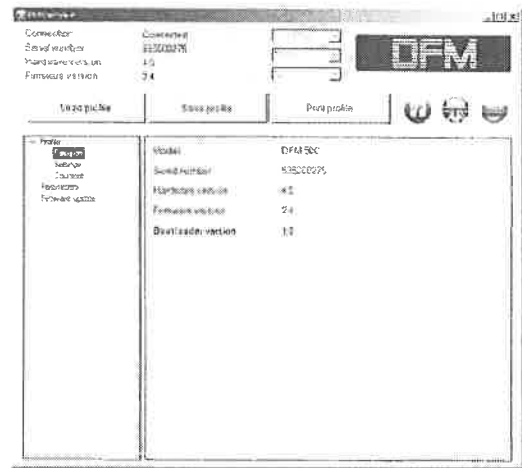
- model;
- serial number;
- hardware version;
- firmware version;
- date of manufacture\*;
- boot loader version.

The user cannot edit these values. Information on serial number, hardware version and firmware version is also displayed in Connection status area of Service DFM window.

\* Only for DFM D.



a) for DFM D

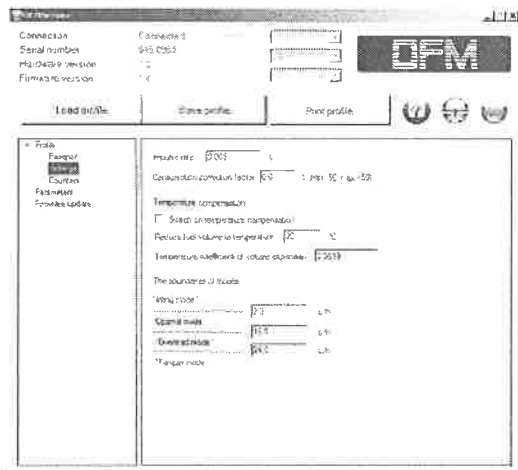


b) for DFM AK/CK

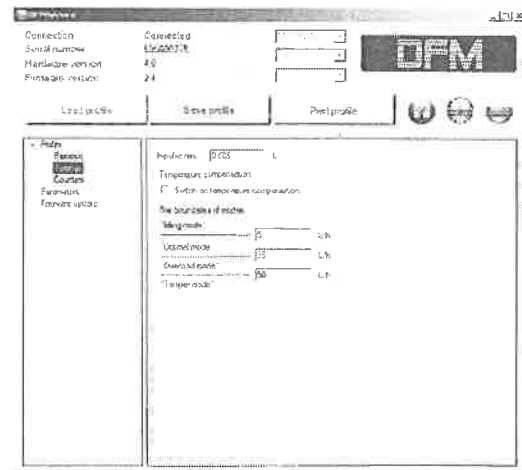
Figure 52 — Profile-Passport submenu

### 3.6.9 Vertical menu description. Profile – Settings

**Settings** submenu is used for displaying and editing flow meter settings (see Figure 53).



a) for DFM D



b) for DFM AK/CK

Figure 53 — Profile-Settings submenu

Settings submenu contains the following configurable parameters:

- **Impulse rate** setting configures the amount of consumed fuel which for the DFM generates a single normalized output impulse. One output impulse corresponds to the normalized volume of consumed fuel which is equal to the nominal volume of the measuring chamber of the flow meter (see Table 3);
- **Consumption correction factor** setting is available for DFM D only. It allows adjusting the flow meter readings. This feature can be useful when there is a constant underestimation/overestimation of the flow meter in specific conditions (e.g., strong vibration).

Example — if it is found out that flow meter has a constant error overestimating the real value by 3 % then enter -3 % correction value. In the flow meter underestimates the real values by 2 %, enter +2 % correction coefficient.

- **Switch on temperature compensation** setting enables fuel consumption readings correction according to the fuel temperature;
- **Reduce fuel volume to temperature** setting is available for DFM D only. Used to set a temperature value at which fuel volume data is recalculated. Flow meter measurement accuracy error is normalized at nominal operating temperature of fuel equal to +20 °C;
- **Temperature coefficient of volume expansion** setting is available for DFM D only. It enables the coefficient of volumetric expansion of oil products  $\beta$  when the temperature changes by 1 °C;  
Volume change is due to the fact that fuel density  $\rho$  changes when fuel temperature changes. The value of the coefficient  $\beta$  is selected from Table 14 for density of the oil product  $\rho$  at a temperature of +20 °C.
- **The boundaries of modes** sets the flow rate (actual consumption rate) value for different engine operation modes (see 1.6.5).

The meter determines the following engine operation modes depending on the actual consumption rate:

- **Idling mode** – less than 10 % of maximum consumption flow rate;
- **Optimal mode** – from 10 % to 75 % of maximum consumption flow rate;
- **Overload mode** – from 75 % to 100 % of maximum consumption flow rate;
- **Tamper mode** – over 100 % of maximum consumption flow rate.

Separation of data according to operational modes allows taking into account the actual engine wear and maintenance savings without fear of sudden breakdown.

Table 14 – selection of oil products volumetric expansion coefficient

$\rho$ , kg/m <sup>3</sup>	$\beta$ , 1/°C	$\rho$ , kg/m <sup>3</sup>	$\beta$ , 1/°C
690.0 - 699.9	0.00130	850.0 - 859.9	0.00081
700.0 - 709.9	0.00126	860.0 - 869.9	0.00079
710.0 - 719.9	0.00123	870.0 - 879.9	0.00076
720.0 - 729.9	0.00119	880.0 - 889.9	0.00074
730.0 - 739.9	0.00116	890.0 - 899.9	0.00072
740.0 - 749.9	0.00113	900.0 - 909.9	0.00070
750.0 - 759.9	0.00109	910.0 - 919.9	0.00067
760.0 - 769.9	0.00106	920.0 - 929.9	0.00065
770.0 - 779.9	0.00103	930.0 - 939.9	0.00063
780.0 - 789.9	0.00100	940.0 - 949.9	0.00061
790.0 - 799.9	0.00097	950.0 - 959.9	0.00059
800.0 - 809.9	0.00094	960.0 - 969.9	0.00057
810.0 - 819.9	0.00092	970.0 - 979.9	0.00055
820.0 - 829.9	0.00089	980.0 - 989.9	0.00053
830.0 - 839.9	0.00086	990.0 - 999.9	0.00052
840.0 - 849.9	0.00084	—	—

### 3.6. 10 Vertical menu description. Profile - Counters

**Counters** submenu (see Figure 54) displays the following parameters:

- **Total consumption** — total fuel consumption in all engine operation modes including "Idling mode";
- **Time** — total engine operation time in all operation modes including "Idling mode". This counter is available for DFM AK/CK models only;
- **Consumption in "Idling mode"** — fuel consumption in "Idling mode" of engine operation;
- **Time in "Idling mode"** — engine working time in "Idling mode". This counter is available for DFM AK/CK models only;
- **Consumption in "Optimal mode"** — fuel consumption in "Optimal mode" of engine operation;
- **Time in "Optimal mode"** — engine working time in "Optimal mode". This counter is available for DFM AK/CK models only;
- **Consumption in "Overload mode"** — fuel consumption in "Overload mode" of engine operation;
- **Time in "Overload mode"** — engine working time in "Overload mode". This counter is available for DFM AK/CK models only.
- **Consumption in "Tamper mode"** — fuel consumption volume that exceeded the upper capacity limit of the installed flow meter model.

Increase of this counter value indicates incorrect installation of the meter or possible drain of fuel (theft).

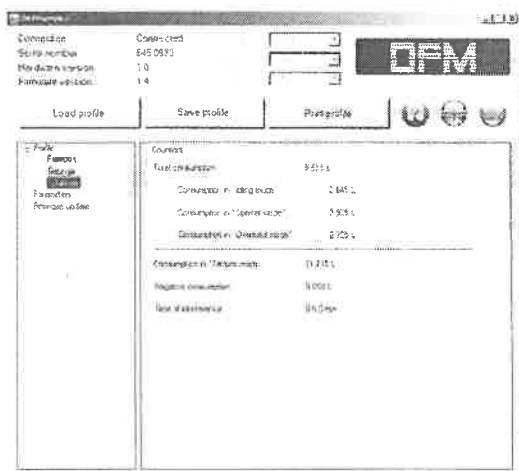
- **Time in "Tamper mode"** — time during which there been an excess of the upper capacity limit of the installed flow meter model. This counter is available for DFM AK/CK models only;
- **Negative consumption** — fuel consumption volume during the periods when return fuel flow is higher than supplied fuel flow. This counter is available for DFM D models only.

Increase of this counter value indicates excessive foam in the return line at high engine RPM. This happens because of air presence in return fuel line caused by depressurization (air leakage) in vehicle fuel system.

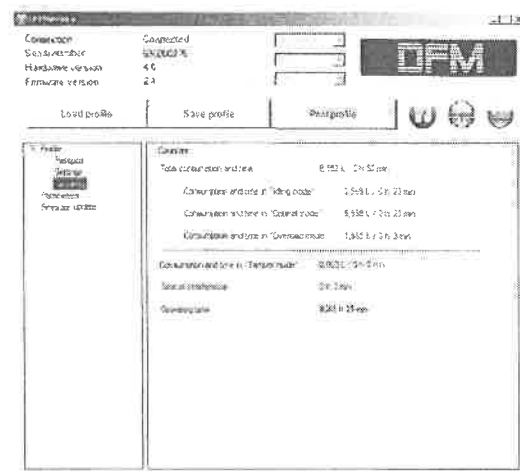
- **Time of interference** – total time of external factors affect the normal work of the flow meter.

Increase of this counter value may indicate a flow meter installed near a source of strong magnetic field or deliberate attempts to block the flow meter.

- **Operating time** – total flow meter operation time since production This counter is available for DFM AK/CK models only.



a) for DFM D



b) for DFM AK/CK

Figure 54 – Profile-Counters submenu

**ATTENTION!** Values of internal DFM counters displayed in **Counters** submenu are updated once per 6 minutes. That is why it is not recommended to use data of internal counters when conducting measurement accuracy test (see 4.1).

For DFM B, DFM C and DFM CK values from the built-in display can be used when conducting accuracy test because display data is updated instantly (see Table 5).

### 3.6.11 Vertical menu description. Parameters

**Parameters** submenu displays the following operational parameters of the flow meter (see Figure 55):

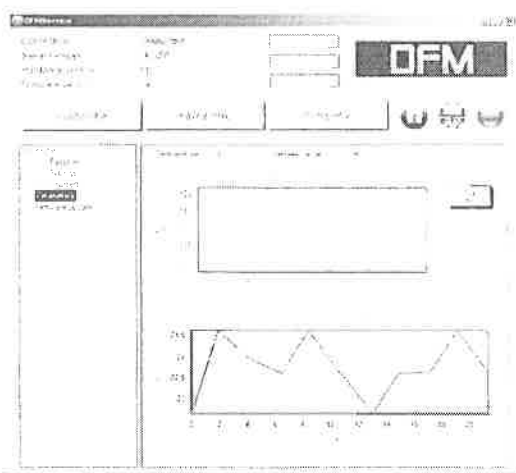
- **Temperature** — temperature of the fuel flowing through the meter;
- **Interference sensor** — determines external factors affecting the normal work of the flow meter.

For DFM AK/CK models **Instant consumption** field displays real-time diagram of instant fuel flow rate measured by the meter (see Figure 55 b).

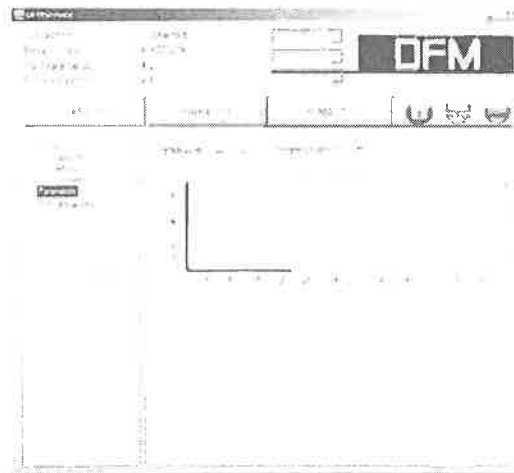
For DFM D models **Instant consumption** field displays two following real-time diagrams (see Figure 55 a):

- 1) Supply (green line) — instant flow rate measured in supply fuel line;
- 2) Return (red line) — instant flow rate measured in return fuel line.

Also for DFM D models **Fuel consumption** field displays real-time diagram of difference between supply and return flow rates measured by correspondent measuring chambers of the meter (differential consumption). See Figure 55a.



a) for DFM D



b) for DFM AK/CK

Figure 55 — Parameters submenu

### 3.6.12 Vertical menu description. Firmware update

**Firmware update** submenu (see Figure 56) is used for upgrading internal software (firmware) of the flow meter.

**ATTENTION!** Before starting firmware update process check the information attachment of the firmware file to make sure the file matches the type and hardware version of the flow meter!

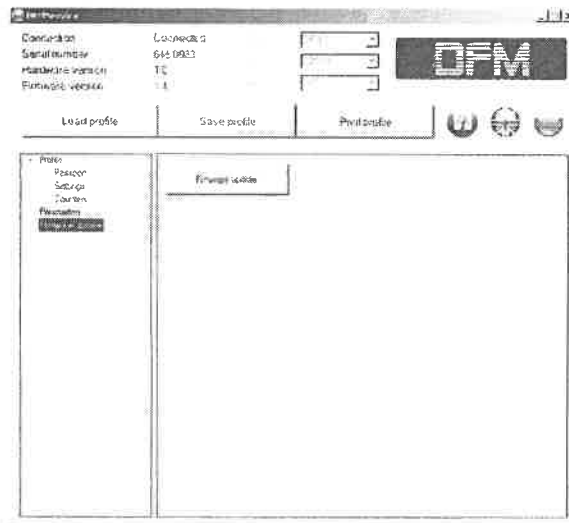
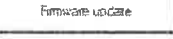



Figure 56 — Firmware update submenu

To update the firmware of the flow meter follow the instructions:

- 1) Click  button at Information and configuration area of the window.
- 2) Select firmware file (\*.cod) from the hard drive or removable disk in **Open** window (see Figure 57).
- 3) Click  button to start the update process.

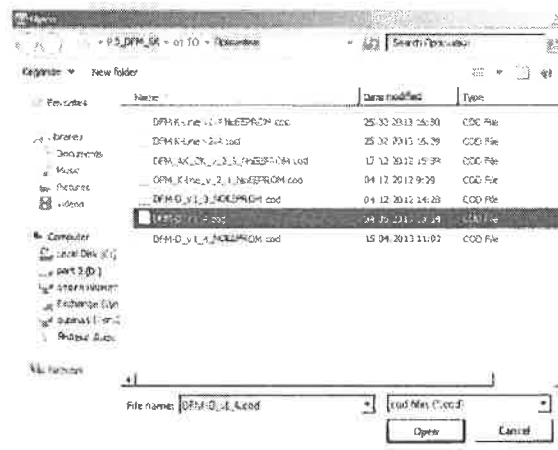
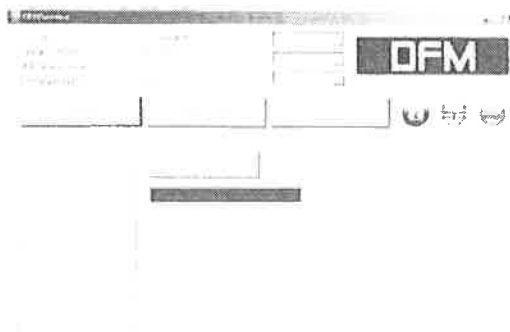


Figure 57 — Firmware file opening



**Before the end of the update process and automatic Service DFM restart it is ABSOLUTELY FORBIDDEN to:**

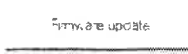
- 1) Disconnect DFM from the adapter.
- 2) Disconnect the adapter from the PC.
- 3) Power down the PC.
- 4) Run any resource-intensive applications on the PC.



*Figure 58 – Firmware file uploading to the flow meter*

Service DFM will display the new firmware version at Connection status area in case the update is successful. DFM is ready for further operation.

If the firmware update process has not been completed correctly causing flow meter failure follow the instructions for **emergency firmware update**:

- 1) Shut down Service DFM.
- 2) Disconnect DFM interface cable from the DFM service cable.
- 3) Run Service DFM.
- 4) Load the profile of the meter from a file (see 3.6.5).
- 5) Open firmware update submenu and click  button.
- 6) Select firmware file (\*.cod) from the hard drive or removable disk in **Open** window (see Figure 57).

Launch firmware update process clicking  button.


- 7) Connect DFM service cable to the connector of DFM interface cable and wait for the completion of the update process.

In case of successful emergency update the flow meter is ready for further operation after automatic restart of Service DFM utility.

If the emergency update process also fails it is recommended to contact Technoton technical support team at [support@technoton.by](mailto:support@technoton.by)

### 3.6.13 Utility shutdown and DFM disconnection

When configuration is made follow the instructions to disconnect the flow meter:

- 1) Save the results of the work (see 3.6.6).
- 2) Shutdown Service DFM utility clicking  at the top of the window.
- 3) Disconnect DFM service cable from the meter's interface cable connector.

SK DFM can now be used for the next meter connection (see 3.6.3).



### 3.7 SK DFM disconnection

When work is done follow the instructions to disconnect SK DFM form the PC:

- 1) Disconnect USB A-B cable from USB port of the PC.
- 2) Disconnect USB A-B B cable from USB port of the adapter.
- 3) Disconnect DUT-E service cable from RS-232/ISO 9141/RS-485 port of the adapter.

### 3.8 Uninstalling Service DFM utility

To uninstall Service DFM utility follow the instructions:

- 1) Select **DFM Service v3.2** folder at **Start → All Programs** menu of Windows.  

- 2) Run  Uninstall shortcut in the selected folder.
- 3) Follow the instructions of the uninstallation wizard.

All the files related to Service DFM utility will be deleted from the PC when the uninstallation process finishes.

## 4 Measurement accuracy check

To determine measurements accuracy of DFM flow fuel meter mounted on the vehicle it is required to carry out a test.

### 4.1 Test conditions

Representatives of interested parties should attend the test.

Only people who have studied DFM and recording devices operational documentation and who have experience with testing equipment are allowed to conduct the tests.

Tests are conducted on properly operating (fault-free) vehicles.

Conditions of the test:

- 1) Engine run time - not less than 1 hour.
- 2) The engine must run at medium speed (RPM).
- 3) Engine shutdown is not allowed during the test.
- 4) Only verified measurement containers can be used to determine the amount of the fuel. The containers must be clean.
- 5) Fuel must not contain any mud or other impurities.

### 4.2 Preparation for the tests

Install the fuel flow meter and connect it to recording and display devices. Conduct all works in accordance with the installation manuals for fuel flow meters and recording and display devices.

### 4.3 Conducting the tests

- 1) Pour fuel into Tank 1. The amount of fuel must be enough to eliminate air from the fuel system and warm up the engine (see Figure 59).
- 2) Use a verified measuring container to fill Tank 2 with testing fuel in the amount of 10 liters.
- 3) Connect fuel pump inlet with Fuel line 1.
- 4) Put the other end Fuel line 1 into Tank 1.
- 5) Put return Fuel line 2 in to Tank 1.
- 6) Disconnect the injectors return line from the fuel tank and put it into Tank 1.
- 7) Use manual pump of the fuel pump to pump through the fuel system in order to remove air.
- 8) Start the engine and let it warm up to operating temperature. At the same time make sure there is no air coming out from return Fuel line 2.

- 9) Simultaneously close inlets of Fuel pipes 1 and 2 and stop the engine.
- 10) Move Fuel pipes 1 and 2 from Tank 1 into Tank 2 (the air must not get into the hoses).
- 11) Close inlet of injectors return Fuel pipe 3 and move it from Tank 1 into empty Tank 3.
- 12) Record the initial readings of the DFM according to the readings of a tracking device or the DFM display.
- 13) Record the time when the test was started.
- 14) Start the engine and set medium run.
- 15) Let the engine run until Tank 2 is empty. At the same time air cannot be let into Fuel pipe 1.
- 16) Stop the engine.
- 17) Measure the fuel left in Tank 2 ( $V_{\text{remain}}$ ) with a verified container.
- 18) Use a verified container to measure **actual fuel consumption** from Tank 2 ( $V_m = 10 \text{ l} - V_{\text{remain}}$ ).
- 19) By difference of initial and final DFM readings determine **measured fuel consumption** ( $V_{\text{measured}}$ ).
- 20) Calculate the **relative measurement error of fuel consumption** by the formula:

$$\delta = \frac{V_{\text{measured}} - V_m}{V_m} \cdot 100\%$$

where  $V_{\text{measured}}$  – measured fuel consumption, l;  
 $V_m$  – actual fuel consumption, l.

- 21) Use a verified container to determine **actual fuel amount from the injectors return line** ( $V_{\text{inj.return}}$ ).
- 22) Determine the **proportion of the return flow from the injectors in overall fuel consumption** for a tested vehicle by the formula:  $\frac{V_{\text{inj.return}}}{V_m} \cdot 100\%$ .
- 23) Record the result into the protocol. See Annex C for protocol template.

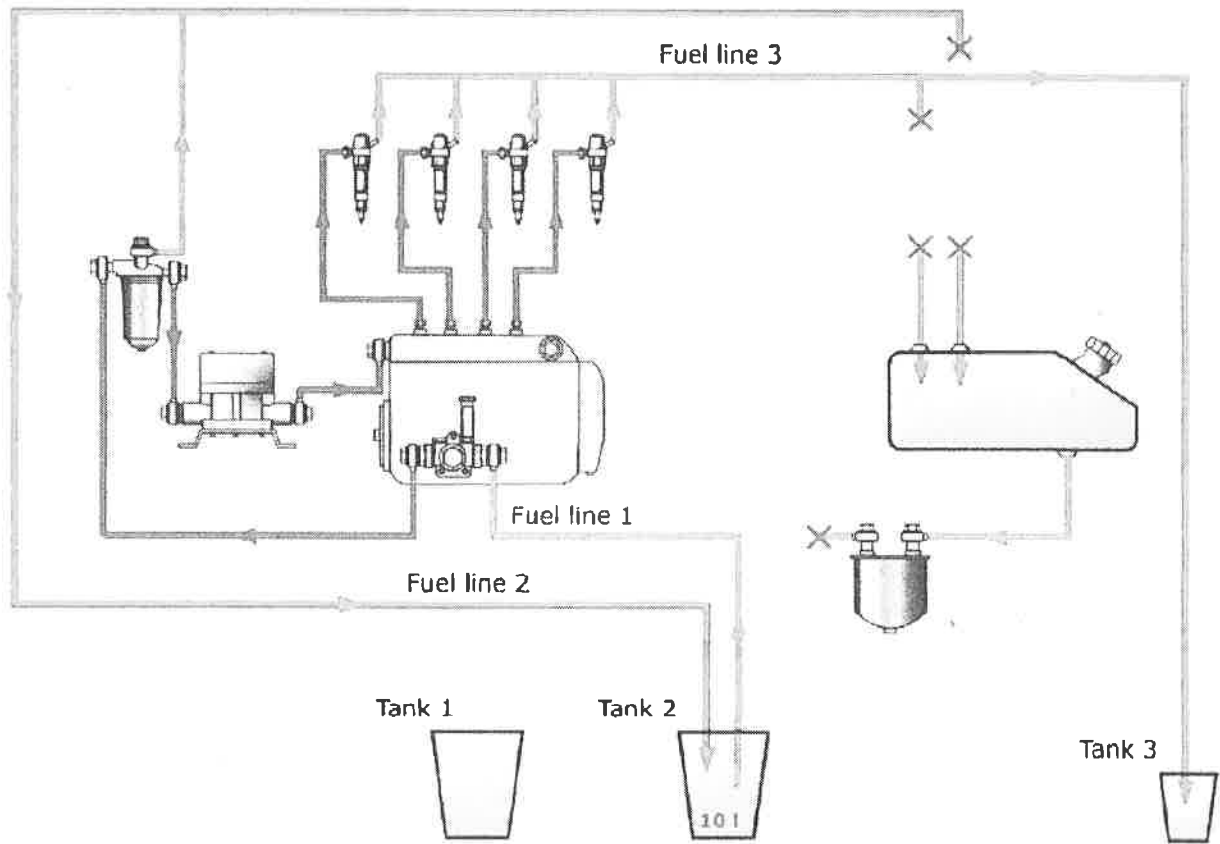


Figure 59 — Fuel system scheme during test

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## 5 Accessories

To install, connect, and operate DFM fuel flow meters, Technoton offers **high quality accessories**.

### 5.1 Mounting kits

DFM mounting kits (hereinafter MK DFM) are designed to connect fuel flow meters to the engine fuel system using fuel pipes with diameters of 8 mm and 10 mm.

MK DFM use only high quality components designed for use in the fuel system of vehicles.

#### MK DFM distinctive features

- No burrs and shavings which can be found in kits from other manufacturers. **No clogging and fuel system malfunction!**
- Increased nominal bore to preserve the pressure in the fuel system. **The engine does not lose power!**
- Made of high-strength metals, resistant to wear and corrosion. Hot stamping and groove manufacture technology used. **Lifetime of the kit elements significantly increases!**
- Threaded connections of the kit elements meet the standards of the fuel systems of leading automakers. **Elements are mounted easily and quickly!**
- Special valves are included into each kit. Specifications of the valves conform fuel system requirements. **No engine failure due to jamming of the valve!**
- Fittings, valves, banjo bolts have holes for sealing. **No fuel thefts and unauthorized tampering into fuel system!**

Select proper MK DFM according to Table 15.

*Table 15 — MK DFM application*

<b>Kit name</b>	<b>Application</b>
DFM MK20	Universal, to install single-chamber flow meters using $\varnothing$ 8 mm pipe
DFM MK40	Universal, to install single-chamber flow meters using $\varnothing$ 10 mm pipe
DFM MK45	Universal, to install DFM 500 single-chamber flow meters using $\varnothing$ 10 mm pipe
DFM MK90	To install single-chamber flow meters on D243, D245 and D260 engines using $\varnothing$ 8 mm pipe
DFM MK100	To install single-chamber flow meters on YaMZ, KAMAZ engines using $\varnothing$ 8 mm pipe
DFM MK DIFF10	To install differential fuel flow meters DFM 100D and DFM 250D using $\varnothing$ 10 mm pipes
DFM MK DIFF20	To install DFM 500D differential fuel flow meters using $\varnothing$ 10 mm pipe

MK DFM composition (see Table 16) is selected on the basis of many years of experience of installing fuel flow meters on various types of machinery.

There are differences in compositions of MK DFM for differential and single-chamber flow meters depending on an installation scheme and engine features of a vehicle

Table 16 — MK DFM components









View	Component name	Description	Kit name						
			DFM MK20	DFM MK40	DFM MK45	DFM MK90	DFM MK100	DFM MK DIFF10	DFM MK DIFF20
1	2	3	4	5	6	7	8	9	10
	Banjo bolt BB 14	To couple the fuel line and the flow meter to the units of the fuel supply system of the engine (high pressure fuel pump or fine fuel filter)	3	3	2	2	3	6	4
	Banjo bolt BB 16		-	-	1	-	-	-	2
	Banjo bolt double BB 14/2	To couple two branches of the fuel line to the units of the fuel supply system of the engine (high pressure fuel pump or fine fuel filter)	1	1	1	1	-	-	-
	Banjo fitting BF 14/8	For connection of $\varnothing$ 8mm fuel pipe to mounting elements	8	-	-	6	4	-	-
	Banjo fitting BF 14/10	For connection of $\varnothing$ 10mm fuel pipe to mounting elements	-	8	6	-	-	8	4
	Banjo fitting BF 16/10		-	-	2	-	-	-	4
	Non-return valve K10	To eliminate hydraulic shocks influence on the measurement accuracy of the flow meter (white valve)	1	1	-	1	1	2	-
	Non-return valve K15		-	-	1	-	-	-	2



Table 16 continued
















1	2	3	4	5	6	7	8	9	10
	Bypass valve K20	To release excessive pressure in the fuel line at the output of the booster pump	1	1	1	-	-	-	-
	Bolt plug BP14	To plug the high pressure fuel pump hole to the return line	1	1	1	1	1	-	-
	Nipple adapter NA 14-4	To connect the fuel line with a return fuel line through the bypass valve	1	1	1	1	-	-	-
	Nipple adapter NA 14-20	To reverse the return fuel line from the fine filter via the bypass valve	1	1	1	-	1	-	-
	Nipple adapter NA 10-14	To connect the fuel line and heater tube	1	1	1	-	-	-	-
	Nipple adapter double NA 10-14/2	For joining two fuel lines with heater line	1	1	1	-	-	-	-
	Copper washer CW 14-19	To seal connections	16	16	12	14	11	16	8
	Copper washer CW 16-21	To seal connections	-	-	4	-	-	-	8
	Copper washer CW 20-26	To seal connections on the fine filter of YaMZ engines	1	1	1	-	1	-	-
	Hose clamp HC 10-16	To fix $\varnothing$ 8 mm fuel hose onto the banjo fitting or filter	8	-	-	6	4	-	-
	Hose clamp HC 12-22	To fix $\varnothing$ 10 mm fuel hose onto the banjo fitting or filter	-	8	8	-	-	8	8

Table 16 continued

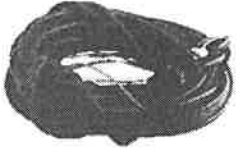

1	2	3	4	5	6	7	8	9	10
	Bolt B8x16	To mount the flow meter to the bracket	4	4	4	4	4	4	4
	Nut N8	To mount the flow meter to the bracket	4	4	4	4	4	4	4
	Washer W8	To mount the flow meter to the bracket	4	4	4	4	4	4	4
	Lock washer WL8.65	To mount the flow meter to the bracket	4	4	4	4	4	4	4

**ATTENTION!** The manufacturer reserves the right to modify the MK DFM sets and replace components with equivalent ones without prior customer notice.

## 5.2 Connecting cables

Connecting cables are used for electrical connection of DFM meters. See Table 17.

Table 17 – DFM connecting cables

View	Name (order code)	Purpose and description
	Cable 076-01 (sensors cable)	Designed to connect a flow meter to recording and display devices and to external power supply  Supplied with all fuel flow meters with interface output.
	Cable 084 (076-01 cable extender)	Designed to increase the length of 076-01 cable. 3 meters long.  Not included into delivery set.

## 5.3 DFM i fuel consumption indicator

### 5.3.1 Application and features

**DFM i fuel consumption indicator (see Figure 60) is designed for recording and displaying data on fuel consumption and engine working time.**



*Figure 60 — DFM i fuel consumption indicator*

DFM i can be used in combination with fuel flow meters designed by Technoton (e.g. **DFM AP, DFM AK, DFM D**) or third-party flow meters with pulse output (see 5.3.5).

DFM i can be mounted inside the driver's cabin or any other place of the vehicle which is convenient for visual data reading. DFM i is used when data reading from the flow meter itself is limited or impossible.

#### **DFM i features:**

- **light and compact design;**
- **stand-alone power supply from the built-in battery\*;**
- **compatibility with flow meters of various manufacturers;**
- **recording total fuel consumption;**
- **recording engine operation time (total and in various mode);**
- **convenient viewing of parameter values in the driver's cabin;**
- **protection from tampering;**
- **contactless switching of data display modes;**
- **affordable cost.**

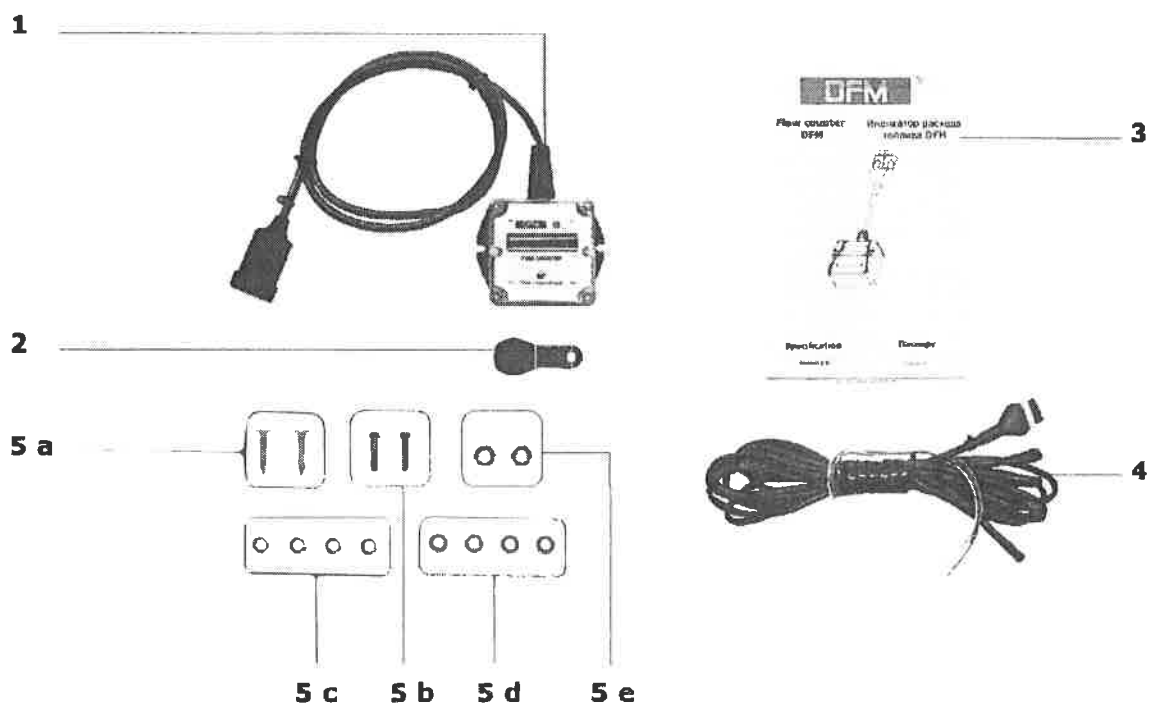
DFM i can be used in automobiles, tractors, stationary engines and other units operated in temperate and cold climates.

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\* DFM i with firmware version 3.0 and higher can be powered from the external power supply as well.

### 5.3.2 DFM i Exterior view and delivery set

DFM i delivery set includes (see Figure 61):



- |          |                                     |           |
|----------|-------------------------------------|-----------|
| <b>1</b> | DFM i fuel consumption indicator *  | - 1 pc.;  |
| <b>2</b> | iButton key                         | - 1 pc.;  |
| <b>3</b> | Specification                       | - 1 pc.;  |
| <b>4</b> | Signal cable (2 m)                  | - 1 pc.;  |
| <b>5</b> | Mounting kit 1 pc. including:       |           |
|          | <b>a)</b> self-tapping screw 4.2x25 | - 2 pcs.; |
|          | <b>b)</b> screw M4x25               | - 2 pcs.; |
|          | <b>c)</b> lockwasher 4              | - 4 pcs.; |
|          | <b>d)</b> washer 4                  | - 4 pcs.; |
|          | <b>e)</b> nut M4                    | - 2 pcs.  |

Figure 61 — DFM i delivery set

\* Cable of DFM i units with firmware version lower than 3.0 do not have connector.

### 5.3.3 General specifications

See Table 18 for DFM i general technical specifications.

Table 18 — DFM i general specifications

Parameter	Value
Impedance of the measuring input	not less than 50 kOhm
Operation temperature range	from -20 to +60 °C
Weight	not more than 0.3 kg

See Figure 62 for DFM i overall and mounting dimensions.

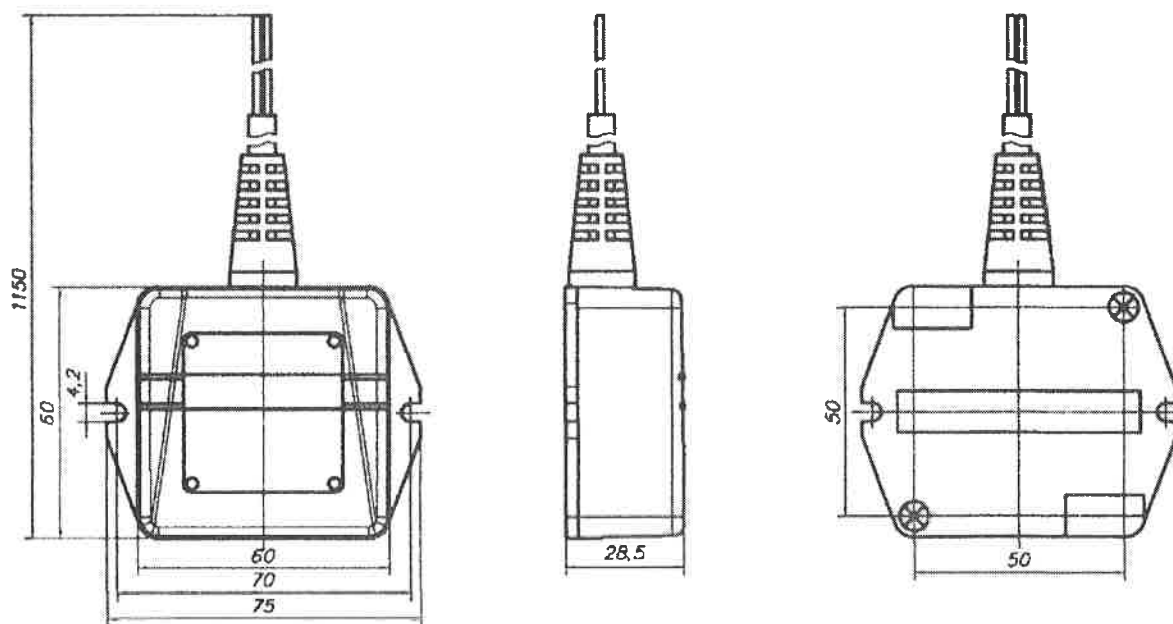


Figure 62 — DFM i overall and mounting dimensions

### 5.3.4 Modifications

See Table 19 for specifications of DFM i models.

Table 19 — Specifications of DFM i models

Model	Lower limit of the flow rate range, l/h	Upper limit of the flow rate range, l/h
DFM i5	1	100
DFM i12.5	5	250
DFM i20	10	500

### 5.3.5 Input signal specification

DFM i can operate with fuel flow meters which have pulse output signal corresponding to the characteristics according to Figure 63 and Table 20.

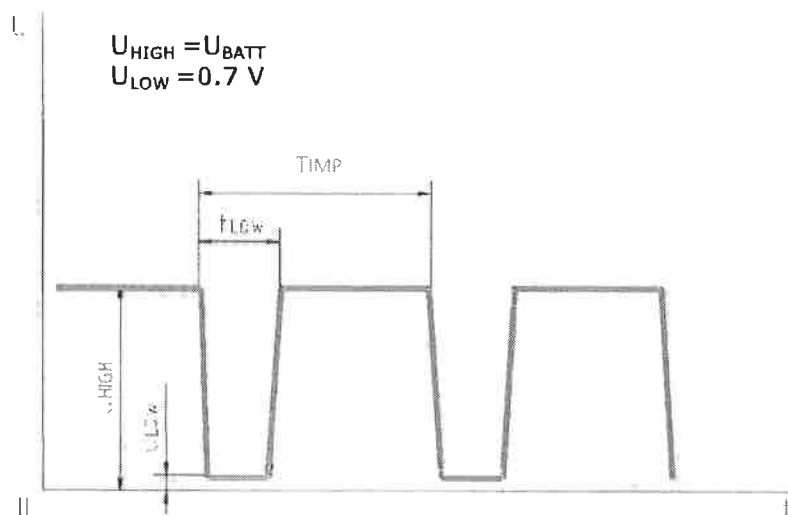


Figure 63 — DFM i input signal specification

Table 20 — DFM i input signal specification

Model	Pulse rate, ml/pulse	$T_{IMP}$ , ms	$t_{LOW}$ , ms
DFM i5	5	from 180 to 9000	$(0.4...0.6) T_{IMP}$
DFM i12.5	12.5		
DFM i20	20		

### 5.3.6 Power supply modes

DFM i operates in a combined power supply mode. \*

DFM operates autonomously being powered from the built-in lithium-silicon battery. It can be powered from vehicle power supply if connected to vehicle onboard power supply network. DFM i will automatically switch into stand-alone power supply mode if the voltage of the vehicle supply system is less than 10V.

Estimated DFM operation time until full battery discharge is not less than 24 months.

\* Only for DFM i version 3.0 and higher.

DFM i with firmware version lower than 3.0 operate only in stand-alone mode.

### 5.3.7 Recording engine operation mode

Depending on the instant consumption value DFM i determines the following engine operation modes (see Table 21):

- **Idle** – operating in idling mode;
- **Optimal** – operating at moderate load;
- **Overload** – operating at high and maximum load;
- **Tampering** – fuel consumption is higher than maximum possible rate.

Recording engine operation modes allows to eliminate downtime and unauthorized use of the vehicle, to monitor its economic running mode and provide well-timed maintenance.

Table 21 – Engine operation modes determined by DFM i

Engine operation			
Normal consumption $0 < Q \leq Q_{\max}$			Tampering $Q > Q_{\max}$
Idle $0 < Q < 2.5Q_{\min}$	Optimal $2.5Q_{\min} \leq Q < 0.75Q_{\max}$	Overload $0.75Q_{\max} \leq Q \leq Q_{\max}$	
Q — registered instant consumption value; $Q_{\min}$ — lower limit of the flow rate range; $Q_{\max}$ — upper limit of the flow rate range.			

### 5.3.8 Displayed data

DFM i displays the data on the built-in LCD display. Switching the data screens (see Table 22) is performed by a light touch of the top cover of DFM i with iButton key (see Figure 64).

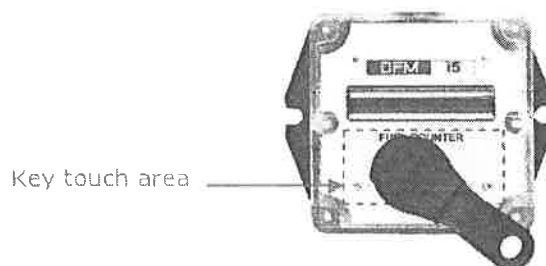


Figure 64 – Switching DFM i data screens

In order to save the charge of the built-in battery DFM i display goes to sleep mode one minute after the last touch of the cover by the iButton. At the same time dots are shown on the display (see Figure 65).



Figure 65 — DFM i display view in sleep mode

The following touch of the key wakes up the display. Data is displayed the following way (see Figure 66):

- Operation information is displayed for 0.5 second – the number of the data screen in the left and measuring units of the parameter or comment in the right;
- Parameter value is displayed for 1.5 seconds.

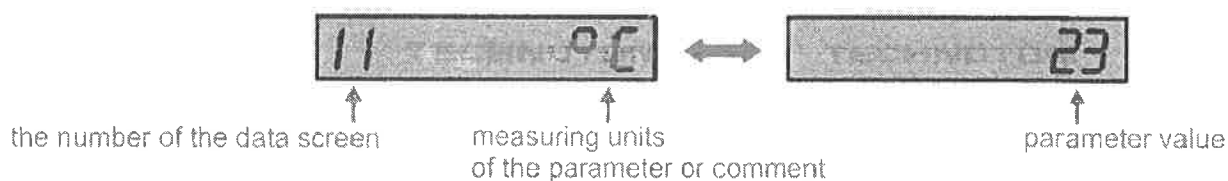


Figure 66 — DFM i data display

Table 22 — DFM i data screens

Screen No	Displayed data	Digit capacity	Units
1	Total Fuel Consumption counter	0.1	liters
2	Total Fuel Consumption counter with higher digit capacity	0.001	liters
3	Engine Operation Time counter	0.1	hours
4	Engine Operation Time in Idle Mode counter	0.1	hours
5	Engine Operation Time in Optimal Mode counter	0.1	hours
6	Engine Operation Time in Overload Mode counter	0.1	hours
7	Fuel Consumption in Tampering Mode counter	0.1	liters
9	Instant Fuel Consumption	0.1	liters/hour
10	Battery Charge in Percentage of the Maximum	10	%
11	Temperature inside the body Instant Fuel Consumption	1	°C
12	Firmware Version (X.X)		X X

**Screen 1** displays **Total Fuel Consumption** counter value (with 0.1 L step) accumulated since DFM i release.



**Screen 2** displays **Total Fuel Consumption counter value with higher digit capacity** (0.001 L), accumulated since DFM release.

**Screen 3** displays the counter reading **Engine Operation Time** accumulated as the total time of engine operation in all modes including idle run.

**Screens 4, 5, and 6** display the counter readings of **Engine Operation Time In Idle, Optimal and in Overload Modes** accumulated by DFM i as a total engine operation time in corresponding modes.

**Screen 7** displays the counter readings of **Fuel Consumption In Tampering Mode** accumulated by DFM i measured as the amount of fuel higher than maximum consumption. Increase of this counter value indicates the incorrect installation of the fuel flow meter or possible facts of fuel theft.

**Screen 9 Instant Fuel Consumption** displays current value of fuel consumption. It can serve for a visual check of device operability and its correct installation.

**Screen 10 Battery Charge in Percentage of the Maximum** displays the value of remaining charge of integrated battery.

Note — When the environment temperature is below 10 °C, displayed value of remaining charge can decrease by 10-30 %.

**Screen 11 Temperature inside of the indicator body** displays current inside temperature of the indicator body.

**Screen 12 Firmware Version** displays the firmware version of the indicator.

DFM i **Tampering mode** is to protect from tampering which has a purpose to increase fuel consumption counters readings (e.g. blowing with air), Tampering usually causes a rapid increase of readings exceeding maximum flow rate limit. DFM i electronics registers this increase and suspends fuel consumption counters. At the same time Tampering counter is activated. It records volume value that passes through the meter at the increased flow rate. DFM i displays dashes being in Tampering Mode (see Figure 67).



*Figure 67 — DFM displays dashes being in Tampering Mode*

DFM i will automatically exit Tampering mode in few seconds since the connected flow meter is back to normal operation conditions.

### 5.3.9 Mounting and connection

It is required to conduct DFM i exterior inspection for the presence of the possible body, cable or connector defects arisen during transportation, storage or careless us. Contact the supplier if any defects detected.


Choose a dry place, protected from the corrosive effects of the environment for DFM i mounting. DFM i should not be fixed close to heating and cooling elements (for example, the climate control system). It is not recommended to install DFM i close to power electrical circuits. A suitable place to install DFM i is the driver's cab. When installed in the engine compartment is necessary to provide not less than 30 cm distance between the body of DFM i and its cable from rotating parts and surfaces of the engine.

Mounting kit elements are recommended for DFM i installation (see 5.3.2).

DFM i with firmware version 3.0 and higher can operate in both stand-alone and onboard power supply mode (see 5.3.6). Follow the DFM electrical connection instructions when connecting DFM i (see 2.5).

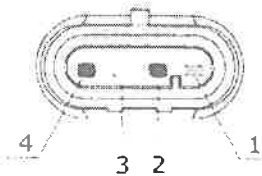



Electrical connection of DFM i with firmware version lower than 3. higher is done according to wire assignment shown in Table 23.

Table 23 – DFM i wire assignment (unit firmware version lower than 3.0)

Wire marking	Wire color		Assignment
T701	White		Flow meter pulse signal (see 5.3.3)
GND	Brown		Ground
* Manufacturer reserves the right to modify wire colors.			

Electrical connection of DFM i with firmware version 3.0 and higher is done according to wire assignment shown in Table 24.

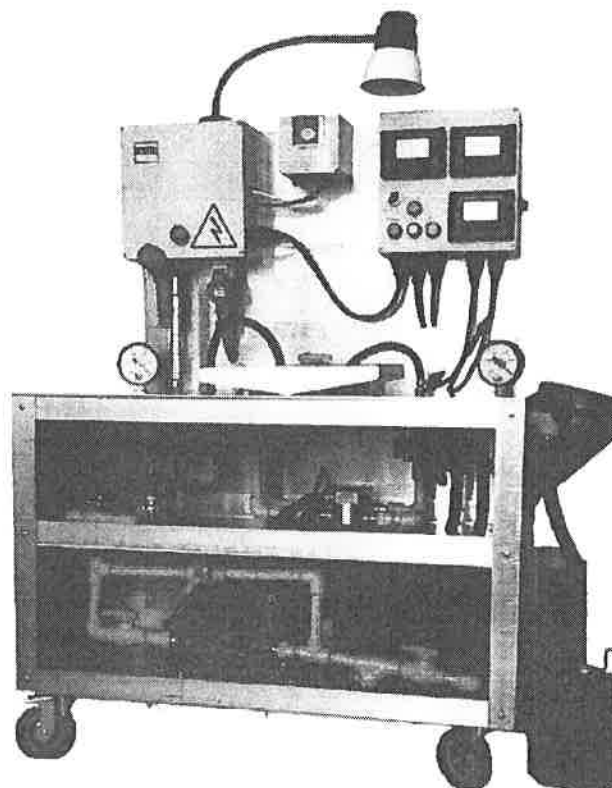
Table 24 — DFM i pinout (unit firmware version 3.0 and higher)

View	Pin number	Wire marking	Wire color		Assignment
	1	VBAT	Orange		Power supply
	2	GND	Brown		Ground
	3	T701	White		Flow meter pulse signal (see 5.3.3)
	4	KLIN	Black		Serial, ISO9141 standard
* Manufacturer reserves the right to modify wire colors.					

## 5.4 APU 5 automated test installation

**APU 5 automated test installation** (see Figure 68) is a stationary reference means of measurement designed for calibration, verification and testing of single-chamber and differential meters in conditions of a service center.

The test installation uses volumetric measurement method and serves for calibration and verification of fuel flow meters made by JV Technoton and other manufacturers in the conditions of a service center.



*Figure 68 — APU 5 automated test installation*

Table 25 — APU 5 technical specifications

<b>Parameter, units of measurement</b>	<b>Value</b>
Kinematic viscosity range, mm <sup>2</sup> /s	from 1.5 to 6.0
Calibration (working) liquid	diesel fuel
Maximum relative error of volume measurement, %	± 0.3
Flow rate range, l/h Range I Range II	from 1 to 100 from 100 to 500
Flow rate setting maximum error, % Range I Range II	±10 ± 5
Number of simultaneously verified fuel flow meters, pcs	single-chamber - 2 differential - 1
Interfaces, pcs.	Pulse input - 2 K-Line - 2 J-tag - 2
Max pressure, MPa	0.5
AC power supply voltage, V frequency, Hz	220 50
Power consumption, W, not more than	1000
Overall dimensions, mm, not more than	1300x700x2000
Weight, kg, not more than	100

## 5.5 PPU 1 portable test rig

PPU 1 portable test rig (see Figure 69) is designed to verify DFM fuel flow meters in field conditions.



Figure 69 — PPU 1 portable test rig

Table 26 — PPU 1 technical specifications

Parameter, unit of measurement	Value
Working liquid	Diesel
Flow rate range, l/h	From 2 to 80
Number of simultaneously verified flow meters	1
Overall dimensions (without hoses), mm	not more than 250x220x900
Weight, kg	not more than 5.0

## 5.6 Additional accessories

Additional accessories may be required for DFM mounting and maintenance depending on fuel system configuration and selected mounting scheme (see Table 27).

Table 27 — DFM additional accessories











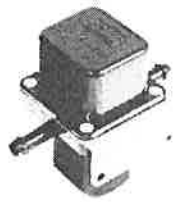



View	Marking	Name	Application	Note
1	2	3	4	5
	TC 8	T-joint	To join/separate fuel flows	For $\varnothing$ 8 mm pipe
	TC 10			For $\varnothing$ 10 mm pipe
	BV 8	Ball valve	To control flow separation in a semi-differential scheme	For $\varnothing$ 8 mm pipe
	BV 10			For $\varnothing$ 10 mm pipe
	TR 10-2	Double fitting	To join/separate fuel flows and connecting fuel hose to fuel system units	For $\varnothing$ 10 mm pipe
	K5	Flow-dividing valve	To separate fuel flows in semi-differential DFM installation scheme	0.3-0.5 Bar, M14x1.5 thread, with a sealing hole
	KP2	DFM mounting bracket	Additional bracket for fastening DFM to the vehicle	Universal, 150x105 mm, fixed with bolt connection
	KT	iButton key	To read out DFM data from the built-in display	—
	CRYSTAL seal	Plastic seal	Sealing fuel connectors, valves etc. in order to prevent interference into the fuel system	—

Table 27 continued

1	2	3	4	5
	FT 240-1117010	Fine fuel filter	To install as an additional fine fuel filter	Used when meter is mounted according "before pump" scheme
	FUB dn8x3	Fuel hose	To connect fuel system parts	Coil 10 m, for $\varnothing$ 8 mm pipe, (-30...+70) °C
	FUB dn10x3			Coil 8 m, for $\varnothing$ 10 mm pipe, (-30...+70) °C
	GMM-06	Glycerin-filled manometer pressure gauge	To check pressure in fuel line before and after meter installation	With adapter for a $\varnothing$ 10 mm pipe
	PP 201	Instant fuel flow heater	To heat the fuel flowing through the line	12 V, up to 150 l/h, automatic control
	PP 202			24 V, up to 420 l/h, automatic control
	NTP 101	Fuel tank heater	To heat the fuel in the tank	Attachment for the fuel intake, 12 V, up to 420 l/h
	NTP 102			Attachment for the fuel intake, 24 V, up to 420 l/h
	D-19	Spiral wrap hose	For additional protection of cables and fuel lines	PVC coating 50m coil, $\varnothing$ 19 mm
	CoTube9.8	Split corrugated tubing	Fast assembly plastic tube for DFM cable protection	50m coil, $\varnothing$ 9.8 mm



## 6 Diagnostics and troubleshooting

Contact your DFM supplier in case of malfunction.

DFM repair works can be carried out only by certified regional service centers. Full list of service centers can be found at [www.jv-technoton.com](http://www.jv-technoton.com)

Limited troubleshooting may be self-conducted (see Table 28).

Table 28 – DFM malfunctions which can be self-eliminated

Malfunction	Model	Possible cause	Troubleshooting
No output signal	<b>DFM AP</b> <b>DFM AK</b> <b>DFM CK</b> <b>DFM D</b>	Incorrect connection	Check DFM connection to the tracking device/data logger
		Fuel filter clogging	Remove and clean the fuel filter
Fuel does not flow through the meter	<b>DFM B</b> <b>DFM C</b> <b>DFM CK</b>	Fuel filter clogging	Remove and clean the fuel filter
Fuel consumption readings are higher than real consumption rate	<b>DFM B</b> <b>DFM C</b> <b>DFM AP</b> <b>DFM AK</b> <b>DFM CK</b> <b>DFM D</b>	Wrong fuel flow meter model selection or error in the mounting scheme	Study the technical documentation of the engine and check the mounting scheme
		Hydraulic shocks in the fuel system	Install a non-return valve into the fuel line on the meter's outlet side. Check valve's operational performance in case it is already installed.

## 7 Verification

At product release each DFM flow meter passes departmental metrological verification on metrologically certified automated test rigs.

**Verification certificate** confirming DFM metrological verification is included into delivery set of each DFM.

## 8 Maintenance

It is recommended to perform visual inspection and DFM operation check at least once a year.

In order to provide DFM operability, it is recommended to remove and clean the mud filter from time to time (see Figure 70).

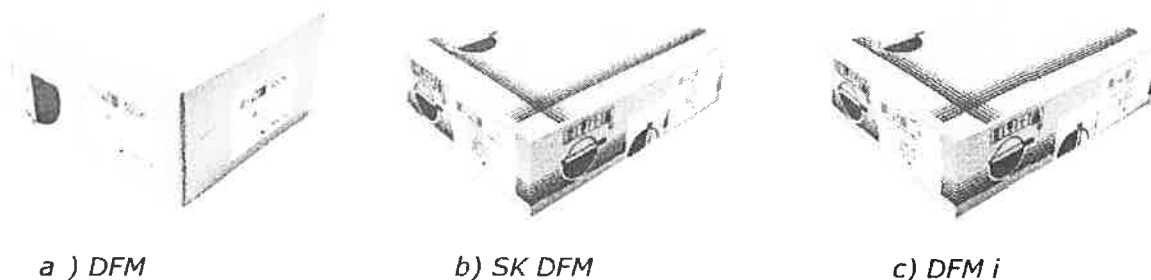


*Figure 70 – Mud filter*

**ATTENTION!** When you remount DFM, replace used copper washers with new ones

## 9 Packaging

DFM, SK DFM and DFM i delivery sets come in cardboard boxes of the following shape (Figure 71).



a ) DFM

b) SK DFM

c) DFM i

Figure 71 — Packaging

Label sticker with information on the product name, serial number, hardware version, firmware version, manufacture date, weight and Quality Control seal is stuck on two sides of the DFM packaging box (207x165x90 mm). See Figure 72a.

Label sticker with information on the product name, serial number, hardware version, Service DFM software version, manufacture date, weight and Quality Control seal is stuck on two sides of the SK DFM packaging box (230x160x60 mm). See Figure 72b.

Label sticker with information on the product name, serial number, hardware version, firmware version, manufacture date, weight and Quality Control seal is stuck on two sides of DFM i packaging box (230x160x60 mm). See Figure 72c.



a) DFM

b) SK DFM

c) DFM i

Figure 72 — Packaging labels

Note — label design and contents can be modified by the Manufacturer.

## 10 Storage

DFM is recommended to be stored in dry enclosed areas.

DFM storage is allowed only in original packaging at temperature range from -50 to +40° C and relative humidity up to 100% at 25° C.

Do not store DFM in the same room with substances that cause metal corrosion and / or contain aggressive impurities.

DFM shelf life must not exceed 24 months.

## 11 Transportation

Transportation of DFM is recommended in closed transport that provides protection for DFM from mechanical damage and precipitation.

Air environment in transportation compartments should not contain acid, alkaline and other aggressive impurities.

Shipping containers with packed DFM sensors should be sealed.

## 12 Utilization/re-cycling

DFM does not contain harmful substances and ingredients that are dangerous to human health and environment during and after the end of life and recycling.

DFM does not contain precious metals in amount that should be recorded.

## Contacts

### Distribution, technical support and service

Technoton JV

**Phone/fax: +375 17 223 78 20**

[marketing@technoton.by](mailto:marketing@technoton.by)

[support@technoton.by](mailto:support@technoton.by)



### Manufacturer

Zavod Flometr

[office@flowmeter.by](mailto:office@flowmeter.by)





## Annex A continued

### DFM 250B, DFM 250C, DFM 500B, DC

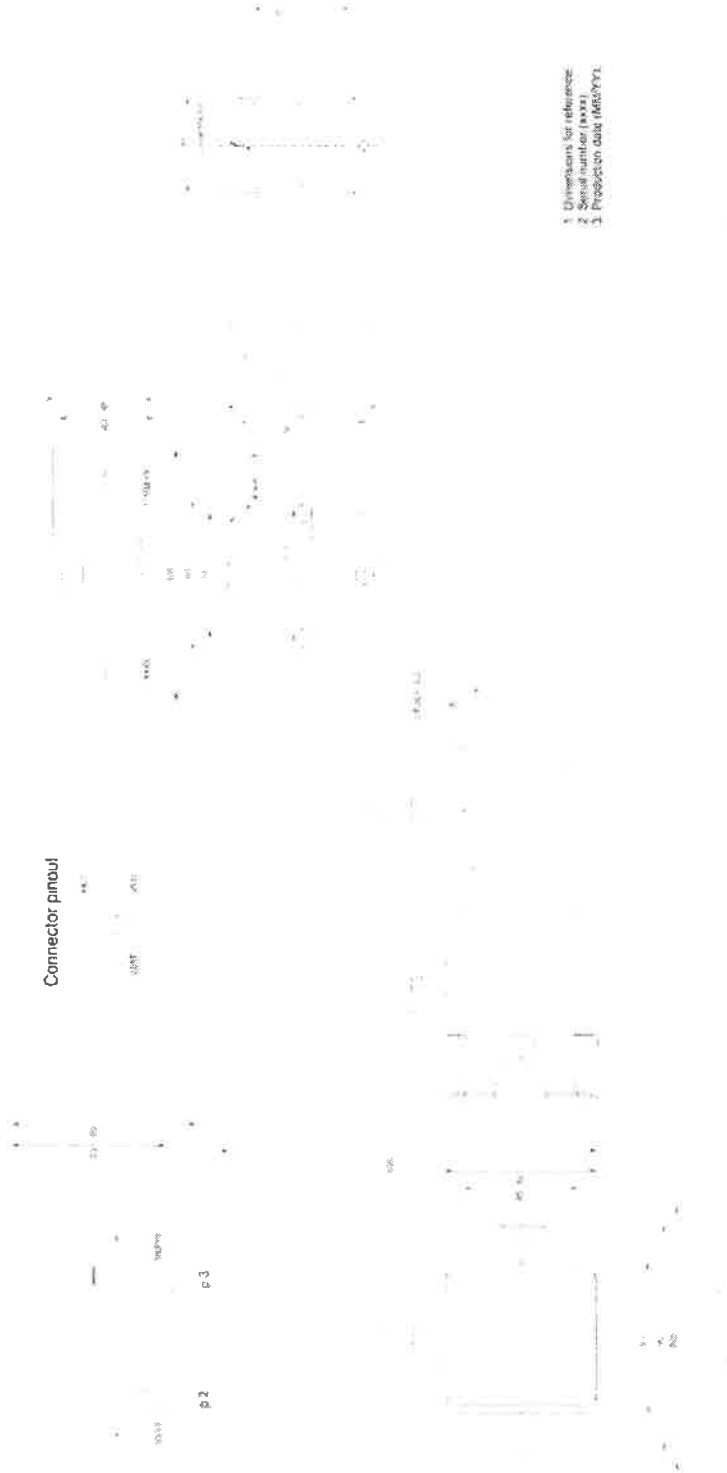


- 1 Dimensions for reference.
- 2 Serial number (xxxx).
- 3 Production date (MM/YY).

# Annex A continued

## DFM 90OEM

## DFM 90AP



- 1 Dimension for reference
- 2 Serial number (mm)
- 3 Production date (mm)



# Annex A continued

## DFM 220OEM



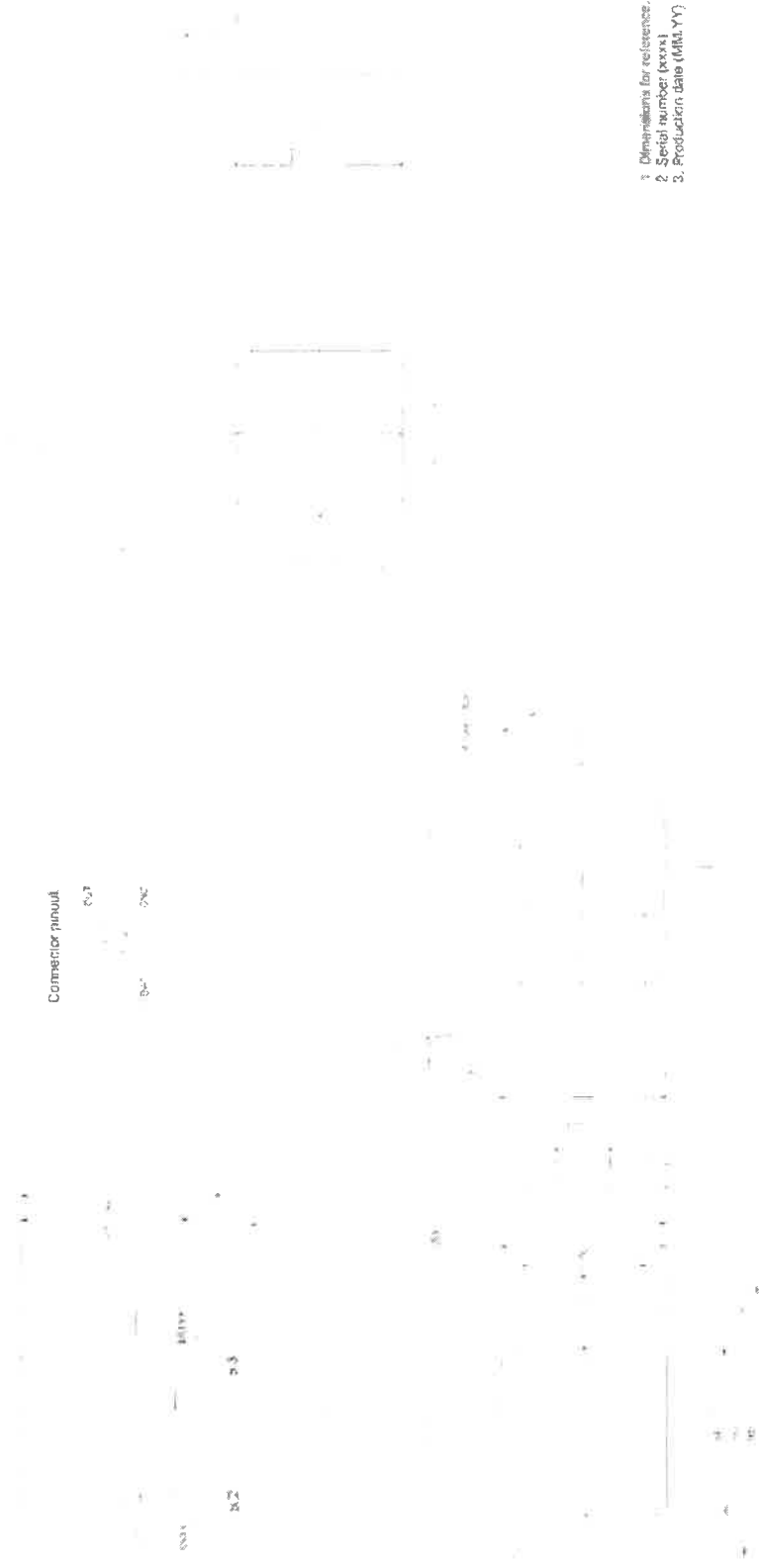
## DFM 220AP



1. Identification number  
 2. Serial number (S/N)  
 3. Production date (MM/YY)

# Annex A continued

## DFM 50CK, DFM 100CK



1. Dimensions for reference.  
 2. Serial number (xxxx)  
 3. Production date (MM.YY)

# Annex A continued

DFM 250CK, DFM 500CK

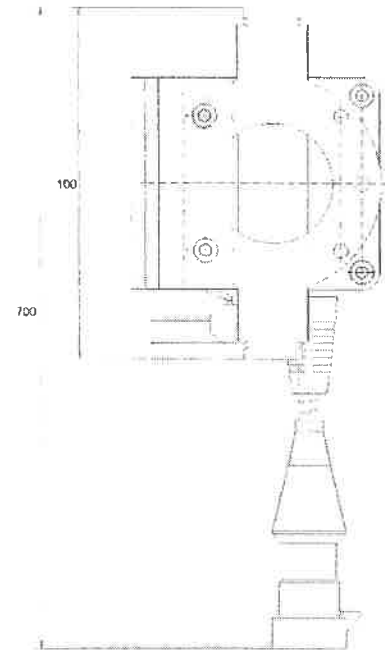
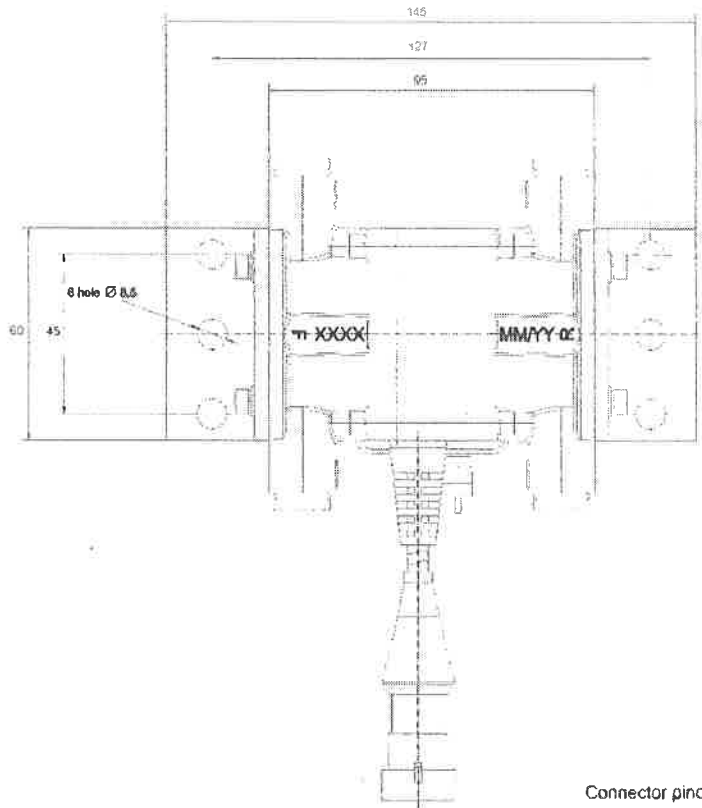
DFM 250AK, DFM 500AK

Conexión piloto

- 1 Dimensiones for reference.
- 2 Serial number (XXXX).
- 3 Production date (YYMMYY).

# Annex A continued

## DFM 100D



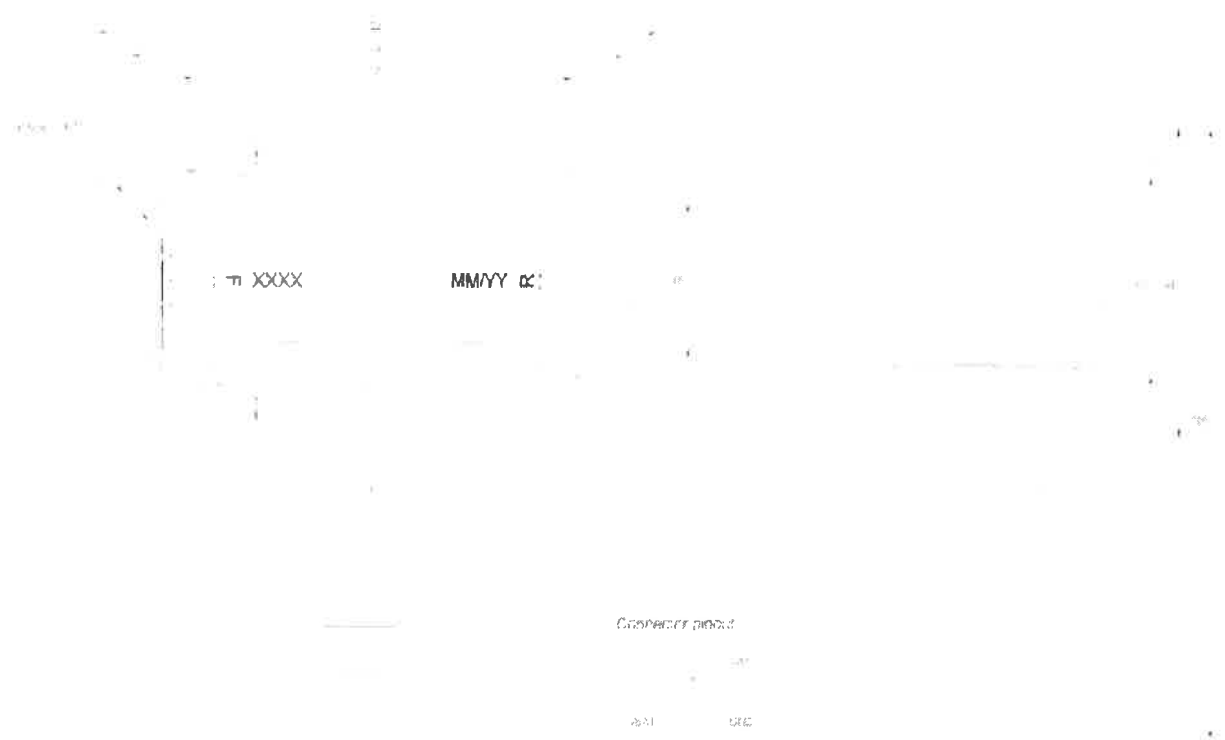
Connector pinout



- 1. Dimensions for reference.
- 2. Fuel flow direction (F - feeding, R - return)
- 3. Serial number (xxxx).
- 4. Production date (MM/YY).

## Annex A continued

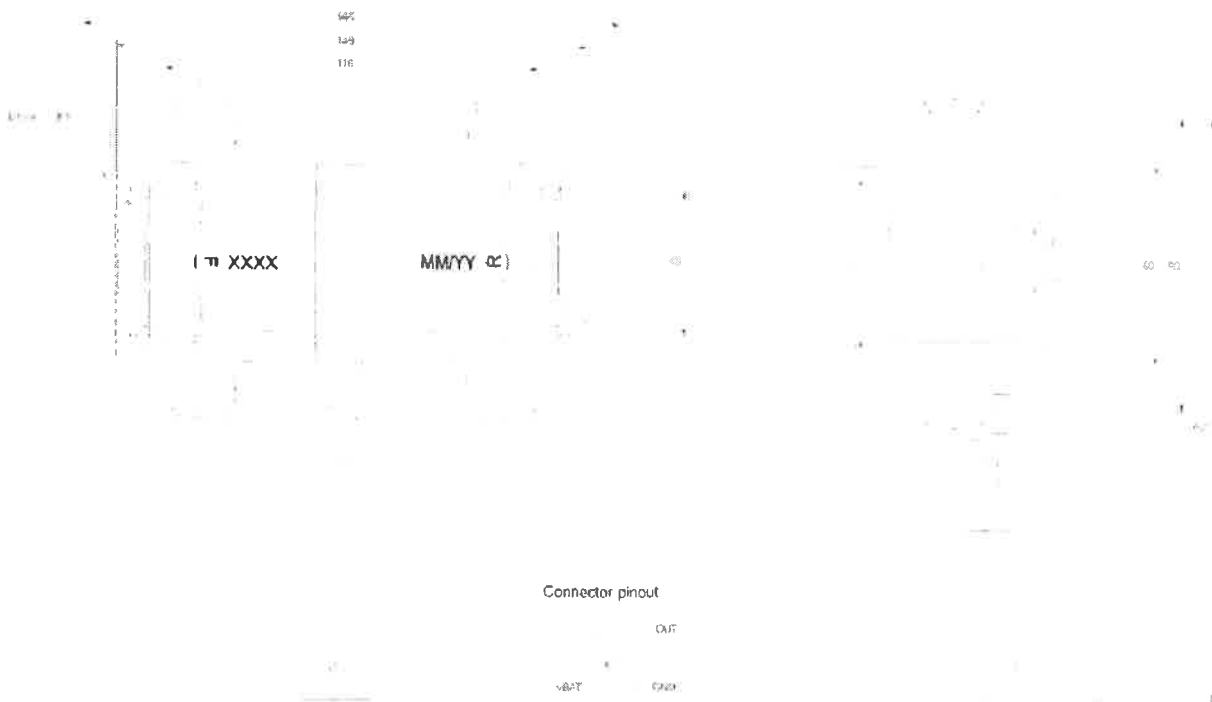
### DFM 250D



- 1. Dimensions for reference
- 2. Fuel flow direction (F - feeding, R - return)
- 3. Serial number (xxxx)
- 4. Production date (MMYY)

## Annex A continued

### DFM 500D



- 1 Dimensions for reference
- 2 Fuel flow direction (F - feeding, R - return)
3. Serial number (XXXX).
- 4 Production date (MM/YY)

Note: the actual position of the marking on DFM body may differ from the one illustrated in the present Manual.

## Annex A continued

Table A.1 — DFM weight

Model	Weight, kg
DFM 50AK DFM 50B DFM 50C DFM 50CK	0.8
DFM 90AP	
DFM 100AK DFM 100B DFM 100C DFM 100CK DFM 100D	1.7
DFM 220AP	1.2
DFM 250AK DFM 250B DFM 250C DFM 250CK DFM 250D	
DFM 500AK DFM 500C DFM 500CK	1.5
DFM 500D	3.3

## Annex B

### Vehicle inspection report

\_\_\_\_\_/\_\_\_\_\_/20\_\_\_\_  
Date                      Month                      Year

We, the undersigned representatives of the Customer

\_\_\_\_\_ and representatives of the Contractor

\_\_\_\_\_ have conducted vehicle (installation) inspection

Vehicle type \_\_\_\_\_

Brand, model \_\_\_\_\_

Registration number \_\_\_\_\_

for conformity to DFM installation requirements, and have concluded the following:

Requirement	Conforms/ Does not conform	Notes
Leakage resistance of the fuel system		Measurement accuracy and DFM performance is not guaranteed in case of a leakage in the fuel system. Fuel system repair is recommended to eliminate leaks
Pressure of the fuel supply system		DFM performance is not guaranteed in case of an insufficient pressure in the fuel system. Maintenance of the fuel pump is recommended.
Injectors return flow rate		Injectors return flow being higher than normal can significantly affect measurement accuracy. Injectors maintenance or replacement is recommended.
Onboard voltage		DFM performance is not guaranteed in case of insufficient power supply voltage. Maintenance of the onboard power supply network and/or generator.
Chassis ground switch condition		DFM performance is not guaranteed in case of significant resistance/oxidation of the switch. Maintenance or replacement is recommended.

representative of the CUSTOMER:

representative of the CONTRACTOR:

\_\_\_\_\_  
name, signature

\_\_\_\_\_  
name, signature



## Annex C

### Template of check test report

\_\_\_\_\_/\_\_\_\_\_/20\_\_\_\_  
Date                      Month                      Year

Vehicle type, model, registration number	
DFM model, serial number	

Fuel consumption	Actual fuel consumption, according to calibrated container $V_m$ , liters	
	Fuel consumption measured According to DFM reading $V_{\text{measured}}$ , liters	
Relative error of fuel consumption measurement	$\delta = \frac{V_{\text{measured}} - V_m}{V_m} \cdot 100\%$ , %	
Actual fuel amount from injectors return line	$V_{\text{inj.return}}$ , liters	
Proportion of the return flow from the injectors in overall fuel consumption	$\frac{V_{\text{inj.return}}}{V_m} \cdot 100\%$ , %	

#### Resume:

Fuel consumption measurement **corresponds / does not correspond** to the technical specification.

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

representative of the CUSTOMER:

representative of the CONTRACTOR:

\_\_\_\_\_  
name, signature

\_\_\_\_\_  
name, signature

## Annex D

### DFM flow meter profile

Fuel flow meter DFM profile 22.07.2014 10:47:16

Passport:

Model: DFM 250D  
 Serial number: 745 6226  
 Hardware version: 1.0  
 Firmware version: 1.4  
 Date of manufacture: 01.2014  
 Boot loader version: 1.0

Impulse rate: 0,0125 L  
 Consumption correction factor: 0,0 % (min -50, max +50)

Temperature compensation:

Switch on temperature compensation: Off  
 Reduce fuel volume to temperature: 20 °C  
 Temperature coefficient of volume expansion: 0.0013

The boundaries of modes:

"Idling mode"	----- 10,0 L/h
"Optimal mode"	----- 60,0 L/h
"Overload mode"	----- 100,0 L/h
"Tamper mode"	

Counters:

Total consumption: 39,572 L  
 Consumption in "Idling mode": 0,624 L  
 Consumption in "Optimal mode": 37,074 L  
 Consumption in "Overload mode": 1,874 L  
 Consumption in "Tamper mode": 0,299 L  
 Negative consumption: 0,000 L  
 Time of interference: 0 h 0 min

*Figure D.1 — DFM D flow meter profile instance*

## Annex D continued

Fuel flow meter DFM profile 22 07 2014 10:42:35

Passport:

Model: DFM 50C  
 Serial number: 535000275  
 Hardware version: 4.0  
 Firmware version: 2.4  
 Boot loader version: 1.0

Impulse rate: 0.005 L

Temperature compensation:

Switch on temperature compensation: Off

The boundaries of modes:

"Idling mode"	----- 5 L/h
"Optimal mode"	----- 35 L/h
"Overload mode"	----- 50 L/h
"Tamper mode"	

Counters:

Total consumption and time: 8.562 L / 0 h 51 min  
 Consumption and time in "Idling mode": 0.579 L / 0 h 25 min  
 Consumption and time in "Optimal mode": 5.998 L / 0 h 23 min  
 Consumption and time in "Overload mode": 1.985 L / 0 h 3 min  
 Consumption and time in "Tamper mode": 0.000 L / 0 h 0 min  
 Time of interference: 0 h 0 min  
 Operating time: 11059 h 17 min

*Figure D.2 — DFM AK/CK flow meter profile instance*

**Stephanie M. Tajeron**

---

**From:** Stephanie M. Tajeron  
**Sent:** Tuesday, April 6, 2021 8:52 AM  
**To:** Graham Botha  
**Cc:** Lou Sablan; Selma HG Blas; Beatrice Limtiaco; Jamie C. Pangelinan; Josephina F. Naputi; Daniele Peter D. Reyes; Melissa C Uncangco  
**Subject:** FW: Freedom of Information Act dated March 16, 2021  
**Attachments:** GPA-024-21 TRACK ME GUAM PROTEST RESPONSE.pdf

Hafa Adai Graham,

Kindly see email below sent below from IT&E relative to GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet.

Should you have any questions, please let me know. Thank you.

Regards,  
Stephanie Josefa M. Tajeron  
GPA Procurement/Materials Mgmt.  
Tel: (671) 648-3045/3055  
Fax: (671) 648-3165  
Email: [smtajeron@gpagwa.com](mailto:smtajeron@gpagwa.com)

**From:** Auriann Camacho [<mailto:auriann.camacho@itehq.net>]  
**Sent:** Tuesday, April 06, 2021 8:38 AM  
**To:** Patty B Camacho <[pcamacho@gpagwa.com](mailto:pcamacho@gpagwa.com)>; Josephina F. Naputi <[jfnaputi@gpagwa.com](mailto:jfnaputi@gpagwa.com)>; Jamie C. Pangelinan <[jpangelinan@gpagwa.com](mailto:jpangelinan@gpagwa.com)>; Melissa C Uncangco <[muncangco@gpagwa.com](mailto:muncangco@gpagwa.com)>  
**Cc:** AGUON JANET T <[janet.aguon@itehq.net](mailto:janet.aguon@itehq.net)>; Daniella Dizon <[Daniella.dizon@itehq.net](mailto:Daniella.dizon@itehq.net)>; Leonard Ofeciar <[Leonard.Ofeciar@itehq.net](mailto:Leonard.Ofeciar@itehq.net)>  
**Subject:** RE: Freedom of Information Act dated March 16, 2021

Good Morning,

Please find IT&E's response to Track Me Guam Protest. Let me know if there are any questions or concerns.

Thank you & Have a great rest of your week,  
Auriann

Auriann Camacho

Business Account Manager  
Enterprise Sales  
T: (671) 922-2874  
C: (671) 456-2874  
E: [auriann.camacho@itehq.net](mailto:auriann.camacho@itehq.net)  
[www.ite.net](http://www.ite.net)

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**From:** Auriann Camacho  
**Sent:** Monday, March 22, 2021 3:44 PM  
**To:** Patty B Camacho <[pcamacho@gpagwa.com](mailto:pcamacho@gpagwa.com)>  
**Cc:** Josephina F. Naputi <[Jfnaputi@gpagwa.com](mailto:Jfnaputi@gpagwa.com)>; Jamie C. Pangelinan <[jpangelinan@gpagwa.com](mailto:jpangelinan@gpagwa.com)>  
**Subject:** RE: Freedom of Information Act dated March 16, 2021

Good Afternoon,

Please see IT&E's acknowledgement attached. We will pay the fee and email the receipt.

Thank you,  
Auriann

**Auriann Camacho**  
Business Account Manager  
Enterprise Sales  
T: (671) 922-2874  
F: (671) 456-2874  
e: [auriann.camacho@itehq.net](mailto:auriann.camacho@itehq.net)  
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**From:** Patty B Camacho <[pcamacho@gpagwa.com](mailto:pcamacho@gpagwa.com)>  
**Sent:** Monday, March 22, 2021 3:29 PM  
**To:** Auriann Camacho <[auriann.camacho@itehq.net](mailto:auriann.camacho@itehq.net)>  
**Cc:** Josephina F. Naputi <[Jfnaputi@gpagwa.com](mailto:Jfnaputi@gpagwa.com)>; Jamie C. Pangelinan <[jpangelinan@gpagwa.com](mailto:jpangelinan@gpagwa.com)>  
**Subject:** Freedom of Information Act dated March 16, 2021



Hafa Adai,

Kindly acknowledge receipt of the attached relative to your company's request under the Freedom of Information Act (FOIA) for GPA-024-21 Fleet and Fuel Management Software Services for the Authority's Fleet dated March 16, 2021.

Thank you.

*Regards,*

*Patricia Camacho*

*Bayer II*



*GPA Procurement Division*

*(671-648-3054/55 / Fax: 671-648-3165*

*[pcamacho@gpapoa.com](mailto:pcamacho@gpapoa.com)*

---

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---

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March 27 2021

Auriann Camacho  
 Enterprise Sales Account Manager  
 PTI Pacifica, Inc dba IT&E  
 122 W. Harmon Industrial Park Road  
 Tamuning, Guam 96913

Phone No.: 922-4483

Fax No.: 646-6448

Email: [Auriann.camacho@itehq.net](mailto:Auriann.camacho@itehq.net)

### BID PROTEST RESPONSE

Re: Invitation for Bid GPA-024-21

Fleet and Fuel Management Software Services for the Authority's Fleet

Requirement	<b>C.1-17</b> Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include date and time of fuel dispense, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and personnel who dispensed the fuel.
Primary complaint	<p>As we explained previously to GPA, the supplier of the software offered by IT&amp;E has made it clear the software cannot accomplish the bid requirements, and that the only way to potentially fulfill the requirements would be to integrate that software with a Russian partner hardware solution from a Russian partner unprepared to do work in the United States market. Despite this, GPA has chosen to award the IFB to IT&amp;E. Because of this, TrackMe is compelled to protest the award to IT&amp;E. IT&amp;E's bid of software that cannot fulfill the material requirements of the IFB renders their bid non-responsive to the IFB. More, since IT&amp;E's bid is dependent on software that does not exist and that must be mated to Russian hardware unsuitable for the United States, IT&amp;E is a non-responsible bidder and cannot perform the requirements of the IFB. This is unsurprising, given IT&amp;E's relatively recent attempted entry into the tracking industry.</p>
DCS Response	<p>This is not an accurate complaint or assessment:</p> <ol style="list-style-type: none"> <li>1. DCS uses hosted Platform environment/data for Mifleet/Wialon that is housed in the USA.</li> <li>2. GPS Tracker hardware is from manufacturer CalAmp (USA)</li> <li>3. Flowmeter hardware is from Technoton (Belarus, a country in Europe) (<a href="https://www.iv-technoton.com/products/dfm-d/">https://www.iv-technoton.com/products/dfm-d/</a>)</li> </ol>



4. The Flowmeter is not integrated into MiFleet/Wialon. It is integrated with the CalAmp hardware. The CalAmp hardware is integrated into MiFleet/Wialon.
5. DCS (USA) is performing the flowmeter integration work with CalAmp
6. The Flowmeter + measuring with CalAmp has already passed testing which has been used in previous sales opportunities. We have provided data below from that opportunity for reference:





**Idle Time (In Current Trip):** 5.18 Min (17 min 52 s ago)  
**Vehicle Speed (ECU):** 0.00 mph (214 days 23 h ago)  
**Engine Coolant Temp (ECU):** 0.00 °C  
**Total Idle Hours (ECU):** 0.00 h  
**Fuel Rate (ECU):** 0.00 gal/hour (214 days 23 h ago)  
**Fuel Level Percentage(ECU):** 0.00 %  
**Fuel Economy (ECU):** 0.00 mpg  
**Service Interval Days Remaining (ECU):** 2147483648.00 days  
**IFTA ODO ECU:** 0.00

**Max Speed (Trip):** 66.73 mph (2 h 40 min ago)  
**Engine Speed (ECU):** 0.00 rpm (214 days 23 h ago)  
**Odometer (ECU):** 0.00 mi (214 days 23 h ago)  
**Engine Run Time (ECU):** 0.00 h  
**Fuel Per Trip (ECU):** 0.00 gal  
**Total Idle Fuel Used (ECU):** 0.00 gal  
**Turn Signal Status (ECU):** 0.00  
**DTC Count:** 2147483648.00 (12 days 5 h ago)

**Ext Fuel Sensor (Gallons):** 48.71 gal

**Ext Fuel Sensor:** 184.38 l

24 s ago (08-09-2018 01:19 pm)  
 34.7571655, -92.2444766

■ Arkansas

0 mph      109 ft      1737 mi      118.29 h      8      34.7571655  
 -92.2444766

**Connectivity settings:**

**Device type:** LMU-4200 Series  
**Unique ID:**

**Sensor values:**

**Ignition:** On  
**Power State (Power Supply):** Connected  
**Trip Odometer (GPS):** 0.00 mi (19 min 57 s ago)  
**Device Back Up Battery:** 4.17 V (17 s ago)  
**Max Speed (Trip):** 0.00 mph (1 h 35 min ago)  
**IFTA ODO ECU:** 0.00

**Motion (Accelerometer):** No Motion  
**Vehicle Speed (GPS):** 0.00 mph  
**Vehicle Voltage:** 13.47 V (19 min 57 s ago)  
**Idle Time (In Current Trip):** 4.77 Min (19 min 57 s ago)  
**DTC Code 1:** N/A  
**DTC Code 2:** N/A

**Ext Fuel Sensor:** 0.32 l

**Ext Fuel Sensor (Gallons):** 0.08 gal

**Parameters:**

**acc\_threshold:** 16      **accum\_0:** 13467  
**accum\_1:** 4168      **accum\_10:** 0  
**accum\_11:** 16      **accum\_12:** 0



Complaint (Technical)	<p><b>1. Fuel Traffic:</b></p> <p>1. Date/Time Fuel Dispense - OK          2. Amount of Fuel Dispense - OK          3. Vehicle/Equipment Fueled - Not Available 4. Personnel who dispense the Fuel - Not Available</p>
DCS Response	<p>To address the Wialon response provided to TrackMe regarding Fuel specific reporting built into the platform.</p> <p>We are not concerned with specific "Fuel Filling" or "Fuel Theft" reports since these are mainly for sensors measuring the fuel level.</p> <p>We are going to be using an accessory Technoton Fuel Flow Sensor to the Calamp tracking devices to measure the fuel flow.</p>
Breakdown of how 3 and 4 can be accomplishe d	<p>3 and 4 can both be accomplished using Driver ID key fobs that are installed on the Fuel tanker/Dispenser and the driven vehicle</p> <p><b>Process</b></p> <p><b>To drive a vehicle:</b></p> <p>The vehicle filled will have a GPS tracker with driver ID key fob as well          The driver must scan their driver ID key fob with their vehicle before driving. This will bind the driver to the driven vehicle in the platform.          The driver will then drive their vehicle within the vicinity of the Fuel tanker/Dispenser.</p> <p><b>When fueling:</b></p> <p>When a driven vehicle is closest to the Fuel tanker/Dispenser, an event will be recognized in the system, indicating which vehicle is physically closest to the tanker/dispenser          The driver will turn off their vehicle          The driver will scan their key fob against the Fuel tanker/Dispenser, binding this driver to the fuel tanker in the system during fueling          The driver will fuel the vehicle          The driver will scan their key fob against their vehicle again, binding the driver again to that driven vehicle</p> <p><b>Auditing Reports</b></p> <p><b>Chronological Event Report</b>          This will show all GPS tracker and binding events in chronological order</p> <p><b>Sensor Report</b>          This will show the fuel sensor flow rate and the Driver that was bound to the Fuel tanker/Dispenser</p>



Table properties: Events

Name:  Type:

- ↑ ↓  Event time
- ↑ ↓  Event text
- ↑ ↓  Location
- ↑ ↓  Count
- ↑ ↓  Time received
- ↑ ↓  Driver
- ↑ ↓  Notification text
- ↑ ↓  Notes



Table properties: Sensor tracing

Name:  Type:

- Speed
- Coordinates
- Location
- Sensor
- Time
- Formatted value
- Value
- Driver
- Trailer
- Notes

Any further questions or concerns can be directed to:

**VP of Sales**

Tyner Kennedy

[tkennedy@dcsbusiness.com](mailto:tkennedy@dcsbusiness.com)

and

**Chief Technology Officer**

Eric Placzek

[eplaczek@dcsbusiness.com](mailto:eplaczek@dcsbusiness.com)

Sincerely,



**Eric Placzek | Chief Technical Officer**

A handwritten signature in black ink, appearing to read "Eric Placzek".

3/27/2021

D:858.798.7106 | [www.dcsbusiness.com](http://www.dcsbusiness.com)

[eplaczek@dcsbusiness.com](mailto:eplaczek@dcsbusiness.com) | 17150 Via Del Campo #200 San Diego CA, 92127

The information contained in this electronic transmission and any accompanying attachments may be confidential or privileged information and are property of DCS, Inc. Any misuse or distribution is prohibited. Thank you.

**Stephanie M. Tajeron**

---

**From:** Melissa C Uncangco  
**Sent:** Tuesday, April 6, 2021 8:46 AM  
**To:** Stephanie M. Tajeron  
**Cc:** Daniele Peter D. Reyes; Jamie C. Pangelinan; Josephina F. Naputi; Patty B Camacho  
**Subject:** FW: Freedom of Information Act dated March 16, 2021  
**Attachments:** GPA-024-21 TRACK ME GUAM PROTEST RESPONSE.pdf

Hi Steph!

Please see response from IT&E's rebuttal with reference to Track Me Guam's protest.

Regards,

*Melissa C. Uncangco*

Melissa C. Uncangco

Buyer II

GPA Procurement Division

☎ 671-648-3054/55 / Fax: 671-648-3165

✉ [muncangco@gpagwa.com](mailto:muncangco@gpagwa.com)

**From:** Auriann Camacho [mailto:[auriann.camacho@itehq.net](mailto:auriann.camacho@itehq.net)]

**Sent:** Tuesday, April 06, 2021 8:38 AM

**To:** Patty B Camacho <[pcamacho@gpagwa.com](mailto:pcamacho@gpagwa.com)>; Josephina F. Naputi <[jfnaputi@gpagwa.com](mailto:jfnaputi@gpagwa.com)>; Jamie C. Pangelinan <[jpangelinan@gpagwa.com](mailto:jpangelinan@gpagwa.com)>; Melissa C Uncangco <[muncangco@gpagwa.com](mailto:muncangco@gpagwa.com)>

**Cc:** AGUON JANET T <[janet.aguon@itehq.net](mailto:janet.aguon@itehq.net)>; Daniella Dizon <[Daniella.dizon@itehq.net](mailto:Daniella.dizon@itehq.net)>; Leonard Ofeciar <[Leonard.Ofeciar@itehq.net](mailto:Leonard.Ofeciar@itehq.net)>

**Subject:** RE: Freedom of Information Act dated March 16, 2021

Good Morning,

Please find IT&E's response to Track Me Guam Protest. Let me know if there are any questions or concerns.

Thank you & Have a great rest of your week,  
 Auriann

Auriann Camacho

Business Account Manager

Enterprise Sales

T: (671) 922-2874

C: (671) 456-2874

E: [auriann.camacho@itehq.net](mailto:auriann.camacho@itehq.net)

[www.ite.net](http://www.ite.net)

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**Cc:** Josephina F. Naputi <[jfnaputi@gpagwa.com](mailto:jfnaputi@gpagwa.com)>; Jamie C. Pangelinan <[jpangelinan@gpagwa.com](mailto:jpangelinan@gpagwa.com)>  
**Subject:** RE: Freedom of Information Act dated March 16, 2021

Good Afternoon,

Please see IT&E's acknowledgement attached. We will pay the fee and email the receipt.

Thank you,  
Auriann

**Auriann Camacho**  
Business Account Manager  
Enterprise Sales  
T: (671) 922-2874  
F: (671) 456-2874  
E: [auriann.camacho@itehq.net](mailto:auriann.camacho@itehq.net)  
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**Sent:** Monday, March 22, 2021 3:29 PM  
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**Cc:** Josephina F. Naputi <[jfnaputi@gpagwa.com](mailto:jfnaputi@gpagwa.com)>; Jamie C. Pangelinan <[jpangelinan@gpagwa.com](mailto:jpangelinan@gpagwa.com)>  
**Subject:** Freedom of Information Act dated March 16, 2021

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WORLD**



Hafa Adai,

Kindly acknowledge receipt of the attached relative to your company's request under the Freedom of Information Act (FOIA) for GPA-024-21 Fleet and Fuel Management Software Services for the Authority's Fleet dated March 16, 2021.

Thank you.

*Regards,*

*Patricia Camacho*

*Bayer II*



*GPA Procurement Division*

*(671-648-3054/55 / Fax: 671-648-3165*

*[pcamacho@gsppwa.com](mailto:pcamacho@gsppwa.com)*

---

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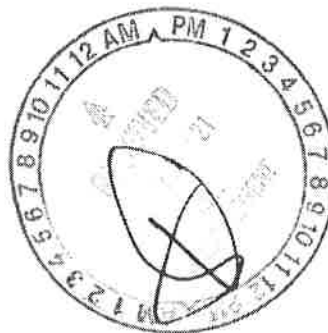




Via Hand Delivery and Email

March 12, 2021

John M. Benavente, P.E.  
General Manager  
Guam Power Authority  
Post Office Box 2977  
Hagåtña, Guam 96932-2977



**BID PROTEST, NOTICE OF TRIGGER FOR AUTOMATIC STAY, and SUNSHINE ACT REQUEST**

Re: Invitation for Bid GPA-024-21  
Fleet and Fuel Management Software Services for the Authority's Fleet  
Dear Mr. Benavente;

**Bid Protest**

Track Me Guam, LLC ("TrackMe" or the "Bidder") respectfully submits this protest of Invitation for Bid GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet (the "Protest").

On January 8, 2021, GPA issued Invitation for Bid GPA-024-21 (the "IFB"). On March 11, 2021, TrackMe was notified by the Guam Power Authority ("GPA") that TrackMe was not selected by GPA for award. Instead, GPA's notice explains that GPA has recommended award to PTI Pacifica, Inc. dba IT&E ("IT&E") because of their lower price. As was relayed in our prior communications to GPA, the selection of IT&E under this IFB would mean that GPA would be selecting a non-responsive and non-responsible bidder, since IT&E's proposed tracking solution cannot comply with requirement C.1-17 Fuel dispense tracking as specified in the IFB. Our past correspondence with GPA explaining this problem is attached to this protest letter. GPA responded to our expressions of concern on March 5 explaining that evaluation of the proposals was ongoing. Unfortunately, GPA moved ahead with a decision to make an award to IT&E. While that notice is dated March 8, 2021, it was not provided to us until March 11, 2021.

As we explained previously to GPA, the supplier of the software offered by IT&E has made it clear the software cannot accomplish the bid requirements, and that the only way to potentially fulfill the requirements would be to integrate that software with a Russian partner hardware solution from a Russian partner unprepared to do work in the United States market. Despite this, GPA has chosen to award the IFB to IT&E. Because of this, TrackMe is compelled to protest the award to IT&E. IT&E's bid of



software that cannot fulfill the material requirements of the IFB renders their bid non-responsive to the IFB. More, since IT&E's bid is dependent on software that does not exist and that must be mated to Russian hardware unsuitable for the United States, IT&E is a non-responsible bidder and cannot perform the requirements of the IFB. This is unsurprising, given IT&E's relatively recent attempted entry into the tracking industry.

#### Requested Remedy by GPA

It is clear from IT&E's own supplier that IT&E submitted a technically unacceptable bid. GPA appears to have simply ignored that software deficiency. TrackMe respectfully requests that GPA review the matter thoroughly as was indicated on March 5, 20201, reject IT&E's submission, and award the IFB to TrackMe as the next lowest responsive and responsible bidder.

#### Sunshine Act Request

In addition to our Protest, TrackMe requests that GPA provide to the company the complete Procurement Record kept for the IFB, including any record of investigation that followed our expressions of concern to GPA about IT&E's ability to fulfill the requirements of the IFB.

\*\*\*

TrackMe has been honored to serve as GPA's vendor for tracking services for over 5 years, and we would welcome the opportunity to discuss this protest with the Agency, as well as the remedy we have requested in order to resolve this Protest. We are available to discuss this letter, its Protest, or other matters related to the IFB with GPA at any time. We understand how a protest like this triggers the automatic stay of procurement provisions under Guam law and halts the selection process. We look forward to the opportunity to find an agreeable resolution to this Protest in as expeditious a manner as can be achieved so that the stay can be lifted, and the process can continue.

Sincerely,

Yosi Veksler

PRESIDENT TRACK ME

Enclosures: Correspondence with GPA re: IT&E software supplier.

**adelossantos@uinnotech.com**

---

**From:** Tim Scherbakov <tisc@gurtam.com>  
**Sent:** Wednesday, February 10, 2021 12:51 AM  
**To:** Mr. Allan Delos Santos; Ms. Azel Manuguid; Gerald Driza  
**Subject:** Re: RE: Fuel Management & Driver ID Permission

Good day Allan,

Thank you very much for your request regarding the fuel dispensing project. Could you please also let me know if there is any deadline for this project and how many tankers and stations does your customer want to monitor and also which country it is?

>About your question, yes, our client will monitor the fuel station & fuel mobile tanker. Once this project is successful, we could start installing tracking devices to their >vehicle.

There are two main options that are possible:

1. Standard Wialon reports and functionality
2. Software development on top of Wialon

The first option can be a good match as it doesn't require extra software development, but it may not be a 100% match to what your customer needs.

The second option will require extra software development, but it will be a 100% to what your customer needs as the interface, the reports will be built according to the customer's requirement.

My colleague Julia mentioned Wialon reports as they are quite close to what your customer needs. The fuel traffic in Wialon is created to show the amount of fuel given out by the fuel tanker and the amount filled into the nearest vehicle. Both devices have to be equipped with a fuel level sensor. This report helps to make sure that drivers don't steal the fuel. Because as a matter of fact, the driver can steal the fuel by not adding it into the vehicle tank. This report can show what vehicle has been fueled as well as the person in 'Driver' column.

i. Fuel Traffic:

1. Date/Time Fuel Dispense - OK
2. Amount of Fuel Dispense - OK
3. Vehicle/Equipment Fueled - Not Available
4. Personnel who dispense the Fuel - Not Available

So all of the above mentioned can be shown in this report.

ii. Fuel Theft:

Per my understanding, this is only to identify and fuel theft on the vehicle with an installed fuel sensor.

Yes, you are right. Fuel level can be controlled if you have a fuel level sensor installed. Fuel theft can show any fuel that has been removed from the tank. If you have a fuel dispenser or a station, you can see the amount given out. So, in this case, this report will actually show the fuel dispensed.

iii. Fuel Filling Report:

Per my understanding, this is if we install fuel sensor to the vehicle to identify the amount of fuel filled to the vehicles but not the amount dispensed by the fuel dispenser/station.

Yes, correct. This report shows the amount added to the fuel tank.

**Allan**

---

**From:** Allan <maps@trackmeguam.com >  
**Sent:** Friday, March 05, 2021 2:15 PM  
**To:** 'Jamie C. Pangelinan'  
**Cc:** 'Josephina F. Naputi'; 'Yosi Veksler'; 'Melissa C Uncangco'; 'TrackMe! Guam'; 'Gerald Driza'  
**Subject:** RE: GPA-024-21  
**Attachments:** Re: RE: Fuel Management & Driver ID Permission; RE: RE: Fuel Management & Driver ID Permission; Communication with Gurtam (Wialon).pdf; GoDaddy Conversation.pdf

Hafa Adai Ms. Pangelinan,

I hope all is well with you, your family & your team.  
 I firmly believe that the initial information that I sent was considered.

To further assist GPA Procurement in regards with Bidding No. GPA-024-21, we continue our research with our competitor. Kindly see attached email communication with Gurtam/Wialon implementation consultant – Tim Scherbakov.

In the beginning, we found out that IT&E Software cannot comply to GPA requirements of C.1-17 Fuel dispense tracking. Since Gurtam (Wialon) provides only software solution, I ask them if there's any current Fuel Dispenser Hardware that is compatible with their software. I found out three (3) days ago that as of this moment, the only partner that successfully integrate their fuel dispenser hardware to their software is their Russian partner. This company was able to invent their own fuel dispenser & develop extra software. However, Gurtam told me that this company will not sell their hardware because it is a Russian company and they don't have English website nor manuals.

Once again, thank you so much and I hope that you will continue to consider also the additional information that I sent today.

Best regards,

**Allan Delos Santos**

TMG – Fleet and Fuel Management Solutions

 671-649-8347/8

 671-649-8346

 [maps@trackmeguam.com](mailto:maps@trackmeguam.com)

 [www.trackmeguam.com](http://www.trackmeguam.com)



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**From:** Melissa C Uncangco <muncangco@gpagwa.com>  
**Sent:** Wednesday, February 10, 2021 1:26 PM  
**To:** Allan <maps@trackmeguam.com>; Jamie C. Pangelinan <jpangelinan@gpagwa.com>  
**Cc:** Josephina F. Naputi <jfnaputi@gpagwa.com>; 'Yosi Veksler' <yosi.veksler@gmail.com>  
**Subject:** RE: GPA-024-21

Good Afternoon Allan!

Our office is in receipt of your letter with reference to GPA-024-21. This bid is currently under the evaluation process and a formal notice will issued upon the completion of it.

Regards,

*Melissa C. Uncangco*

Melissa C. Uncangco

Buyer II

GPA Procurement Division

☎ 671-648-3054/55 / Fax: 671-648-3165

✉ [muncangco@gpagwa.com](mailto:muncangco@gpagwa.com)

**From:** Allan [<mailto:maps@trackmeguam.com>]  
**Sent:** Wednesday, February 10, 2021 10:01 AM  
**To:** Jamie C. Pangelinan <jpangelinan@gpagwa.com>  
**Cc:** Josephina F. Naputi <jfnaputi@gpagwa.com>; Melissa C Uncangco <muncangco@gpagwa.com>; 'Yosi Veksler' <yosi.veksler@gmail.com>  
**Subject:** GPA-024-21

Hafa Adai Ms. Pangelinan,

I would like to inform you that as we do our research to our competitor, we could prove that IT&E is not capable on complying of all GPA requirements.

As a proof, TrackMe Guam is been in Fleet & Fuel Management business for more than 15 years here in Guam.

As of this moment, we are partnered with EDT – using WorldFleetLog (the most advance platform that we provide to GPA) and we are also partnered with Gurtam using Wialon Platform. Both company (EDT & Wialon) are the platform developer.

The picture below is my proof that me – Allan Delos Santos is the CEO of Universal Innovative Technology which is a partner of TrackMe Guam. We also have few clients here in Guam using this platform.



# 04 Partners



TrackMe! USA is a leading provider of GPS fleet and fleet management solutions. The company offers a wide range of services, including real-time tracking, geofencing, and reporting. TrackMe! USA is a member of the Teattek Group of companies.



TTGS is a leading provider of GPS fleet and fleet management solutions. The company offers a wide range of services, including real-time tracking, geofencing, and reporting. TTGS is a member of the Teattek Group of companies.

Only as of June 19, 2020 IT&E announced their partnership with DCS using MiFleet platform which is the Fleet Management platform that IT&E is using:



# IT&E and DCS announce fleet management partnership

Pacific News Center



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YOUR  
WORLD

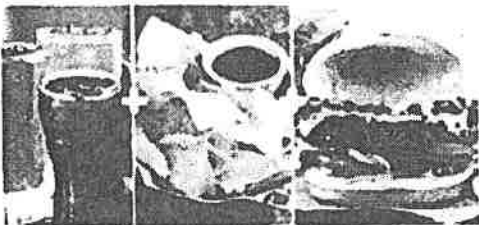


DCS and IT&E have announced a partnership to bring cloud-based fleet management solutions to business and residential consumers in Guam and the CNMI.

The DCS product MiFleet is now available in Guam and the CNMI. It allows businesses and residents to track vehicles and assets using IT&E's cellular network.



**3 FOR ME ~\$15**  
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Partnering with IT&E fits our strategy of providing best-in-class, end-to-end cloud-based Internet of Things (IoT) solutions to cellular carriers," said Mike Lawless, EVP Sales of DCS. "Our goal is to deliver simple, network-ready, turnkey 4G IoT solutions that allow carriers such as IT&E to stay on the cutting edge of technologies for the IoT market."

MiFleet features include trailer tracking, fuel monitoring, driver ID notifications, ELD geofencing, engine diagnostics, driver behavior, ignition on/off and instant visibility.



DCS that using MiFleet which is based on Wialon solution. Therefore, DCS is not a developer but like us, distributor of Wialon Platform.



Wialon-based school bus tracking systems

MiFleet solution

Duplin County ... 160 school buses

I'm 100% sure that Wialon is not capable of doing Fuel Management to company with GPA requirements. As I proof, I have email conversation with Wialon Employee (please see attached) stating that they cannot match 100% the basic requirement of GPA Authority:

**C.1-17** Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include date and time of fuel dispense, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and personnel who dispensed the fuel.

COMPLY

1. Date/Time Fuel Dispense
2. Amount of Fuel Dispense
3. Vehicle/Equipment Fueled
4. Personnel who dispense the Fuel

If IT&E claimed that they can provide you all of GPA requirements specially in regards with C.1-17 Fuel dispense tracking, I believe that need to prove that claim which is I'm doubt they cannot. I hope that you will consider all of the documents that I sent for your decision.

With appreciation,

**Allan Delos Santos**

TMG – Fleet and Fuel Management Solutions

671-849-6342/3

671-849-6346

maps@trackmega.com

www.trackmega.com



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**Disclaimer Notice:** The information contained in this communication is intended solely for the use of the individual or entity to whom it is addressed and others authorized to receive it. It may contain confidential or legally privileged information. If you are not the intended recipient you are hereby notified that any disclosure, copying, distribution or taking any action in reliance on the contents of this information is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by responding to this email and then delete it from your system. Guam Power Authority is neither liable for the proper and complete transmission of the information contained in this communication nor for any delay in its receipt.

**Allan**

---

**From:** Tim Scherbakov <tisc@gurtam.com>  
**Sent:** Tuesday, March 02, 2021 10:50 PM  
**To:** adelossantos@uinnotech.com  
**Cc:** azel@uinnotech.com; techsupport@trackmeguam.com; maps@trackmeguam.com  
**Subject:** Re: RE: Fuel Management & Driver ID Permission  
**Attachments:** 1.PNG

Hello Allan,

I have sent you a reply on February 15th. I am resending it for your convenience:

**From:** Tim Scherbakov <tisc@gurtam.com>  
**To:** adelossantos@uinnotech.com, azel@uinnotech.com, techsupport@trackmeguam.com  
**Subject:** Re: RE: Fuel Management & Driver ID Permission  
**Date:** Mon, 15 Feb 2021 18:28 (15 days ago)

Hello Allan,

I am not able to provide the hardware, because we don't work with the hardware and can't tell if it's any good. We have a partner in Russia who specializes in fuel monitoring. He either installs some additional hardware to the existing fuel dispensers or offers his own, custom made ones.

I don't know, whether it is a suitable solution for you, because lots of things depend on how you do business in your country. There are a lot of countries where you can't modify fuel dispensers, but he is an electrical engineer and he understands well what he is doing. Basically, he just invented a fuel dispenser based on RFID driver identification. This module is connected to the ready-made fuel dispenser. The module consists of an RFID reader, a Galileosky device, a display and a keyboard as shown on the attached screenshot. He uses Galileosky devices because these devices have a visual built-in programming language allowing to implement a simple logic - if the driver card is recognized, the module will allow dispensing the fuel. He also developed an external database and the device will check if the person is eligible to take some fuel. The company owner can set up daily limits for each driver. As soon as the driver arrives at the fuelling station, he will use his RFID card to identify himself and input the amount to refuel using the keyboard. The device will send a request to the online database to check the limit and if the driver is eligible, the device will allow the dispenser to issue the amount of fuel.

He also builds some custom solutions - stand-alone fuel dispensing modules that contain the same hardware + a fuel pump, fuel degasser and a fuel flow meter on top of it.

I don't think he will be able to sell it, because it's a Russian company, they don't have any English website or manuals and they are located in the Crimea, which is a sanctioned region. Anyway, I hope this information is useful for you.

Best regards,  
 Tim Scherbakov  
 Wialon Implementation Consultant  
 Wialon Division, Gurtam

tel: +370 37 999 460 (ext. 3164)

Wialon help center has been released: <https://help.wialon.com/help/en> It's an extensive, unified knowledge base on using Wialon products.

Welcome to test the new resource and share it with your colleagues and clients!

**Allan**

---

**From:** Allan <maps@trackmeguam.com>  
**Sent:** Tuesday, March 02, 2021 6:11 PM  
**To:** 'Tim Scherbakov'; 'Julia Bartash'  
**Cc:** 'Ms. Azel Manuguid'; 'adelosantos@uinnotech.com'  
**Subject:** RE: RE: Fuel Management & Driver ID Permission

Hello Tim & Julia,

Following up below email below.

I just found out too that I have problems with email so I don't know if you're receiving my email.  
I hope to hear from you soon.

With appreciation,

Allan Delos Santos  
Universal Innovative Technology – Fleet and Fuel Management Solutions  
adelosantos@uinnotech.com  
www.uinnotech.com

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-----Original Message-----

**From:** adelosantos@uinnotech.com <adelosantos@uinnotech.com>  
**Sent:** Monday, February 15, 2021 2:51 PM  
**To:** 'Tim Scherbakov' <tisc@gurtam.com>; 'Julia Bartash' <baju@gurtam.com>  
**Cc:** 'Ms. Azel Manuguid' <azel@uinnotech.com>; 'Gerald Driza' <techsupport@trackmeguam.com>  
**Subject:** RE: RE: Fuel Management & Driver ID Permission

Hello Tim,

Thank you for your email.

We requested for an extension and the new deadline will be March 1, 2021.

At least we know that wialon cannot 100% match our potential client requirements unless there's an extra software development which will probably take months of development.

I understand that Wialon could only provide software but do you have any recommended fuel dispenser hardware that you know & you tried that will work with Wialon software? So that we don't of device integration to your software which will take time also?

Regards,

Allan Delos Santos

Universal Innovative Technology – Fleet Management Solutions adelossantos@uinnotech.com www.uinnotech.com

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-----Original Message-----

From: Tim Scherbakov <tisc@gurtam.com>

Sent: Wednesday, February 10, 2021 12:51 AM

To: Mr. Allan Delos Santos <adelossantos@uinnotech.com>; Ms. Azel Manuguid <azel@uinnotech.com>; Gerald Driza <techsupport@trackmeguam.com>

Subject: Re: RE: Fuel Management & Driver ID Permission

Good day Allan,

Thank you very much for your request regarding the fuel dispensing project. Could you please also let me know if there is any deadline for this project and how many tankers and stations does your customer want to monitor and also which country it is?

>About your question, yes, our client will monitor the fuel station & fuel mobile tanker. Once this project is successful, we could start installing tracking devices to their >vehicle.

There are two main options that are possible:

1. Standard Wialon reports and functionality 2. Software development on top of Wialon

The first option can be a good match as it doesn't require extra software development, but it may not be a 100% match to what your customer needs.

The second option will require extra software development, but it will be a 100% to what your customer needs as the interface, the reports will be built according to the customer's requirement.

My colleague Julia mentioned Wialon reports as they are quite close to what your customer needs. The fuel traffic in Wialon is created to show the amount of fuel given out by the fuel tanker and the amount filled into the nearest vehicle. Both devices have to be equipped with a fuel level sensor. This report helps to make sure that drivers don't steal the fuel. Because as a matter of fact, the driver can steal the fuel by not adding it into the vehicle tank. This report can show what vehicle has been fueled as well as the person in 'Driver' column.

i. Fuel Traffic:

1. Date/Time Fuel Dispense - OK

2. Amount of Fuel Dispense - OK

3. Vehicle/Equipment Fueled - Not Available 4. Personnel who dispense the Fuel - Not Available

So all of the above mentioned can be shown in this report.

## ii. Fuel Theft:

Per my understanding, this is only to identify and fuel theft on the vehicle with an installed fuel sensor.

Yes, you are right. Fuel level can be controlled if you have a fuel level sensor installed. Fuel theft can show any fuel that has been removed from the tank. If you have a fuel dispenser or a station, you can see the amount given out. So, in this case, this report will actually show the fuel dispensed.

## iii. Fuel Filling Report:

Per my understanding, this is if we install fuel sensor to the vehicle to identify the amount of fuel filled to the vehicles but not the amount dispensed by the fuel dispenser/station.

Yes, correct. This report shows the amount added to the fuel tank.

## iv. Chart:

Per my understanding, this is fuel consumption of the vehicle and not of the fuel station.

The chart can display both fuel consumption and a fuel level. Consumption can be shown if you have a device that can measure the fuel flow.

## v. Fuel Consumption:

Per my understanding, this is not about fuel station but the consumption of the fuel tank with fuel sensor in the vehicle.

It can show the consumption = the fuel dispensed if you have a device mentioned above.

If a customer's requirements can't be met, you may want to consider the option of extra software development. Some of our partners have developed similar solutions - fuel dispensing. Below you can find the use cases description:

<https://gurtam.com/en/blog/wialon-filling-station>  
<https://gurtam.com/en/blog/fuel-control-module-by-ares-sun>

As you can see some custom interfaces have been built.

If you have any more time left before the deadline I can contact one more partner who has developed such a solution from start to finish with some custom hardware and software. You can also contact the above-mentioned partners as well.

Best regards,  
 Tim Scherbakov  
 Wialon Implementation Consultant  
 Wialon Division, Gurtam

tel: +370 37 999 460 (ext. 3164)


We launched the marketplace of Wialon-based solutions <https://gurtam.com/en/marketplace>.  
 In the new catalog, we gathered applications and integrations by Wialon partners.  
 Here, you can look through the available solutions, pick the one you need, or offer your development to the community.  
 Find all the details on the blog: <https://gurtam.com/en/blog/marketplace-of-wialon-based-solutions>

With appreciation,

**Allan Delos Santos**

**TMG – Fleet and Fuel Management Solutions**

 671 649-6347/8

 671 649 6346

 [maps@trackme2guam.com](mailto:maps@trackme2guam.com)

 [www.trackme2guam.com](http://www.trackme2guam.com)



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**Stephanie M. Taijeron**

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**From:** Stephanie M. Taijeron  
**Sent:** Friday, March 12, 2021 4:18 PM  
**To:** Josephina F. Naputi  
**Cc:** Jamie C. Pangelinan; Melissa C Uncangco; Daniele Peter D. Reyes  
**Subject:** Stay of Procurement Letters for GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet  
**Attachments:** Stay of Procurement - GPA-024-21 for Mgmt. Approval.pdf; TrackMe Guam Portest dated 03-12-2021.pdf

Hafa Adai Josie,

Kindly see attached "Stay of Procurement" letters for management approval and for record purposes as follows:

- GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet
  - Stay of Procurement letters for GM and/or Delegated Authority's approval

Supporting Documents:

- Track Me Guam, LLC dba: TrackMe! Guam protest dated 03/12/2021

Thank you.

Regards,  
Stephanie Josefa M. Taijeron  
GPA Procurement/Materials Mgmt.  
Tel: (671) 648-3045/3055  
Fax: (671) 648-3165  
Email: [smtaijeron@gpagwa.com](mailto:smtaijeron@gpagwa.com)

**Stephanie M. Taijeron**

---

**From:** Stephanie M. Taijeron  
**Sent:** Friday, March 12, 2021 3:46 PM  
**To:** Graham Botha  
**Cc:** Beatrice Limtiaco; Jamie C. Pangelinan; Josephina F. Naputi; Daniele Peter D. Reyes; Melissa C Uncangco; Patty B Camacho; Sharlyne S. Tainatongo  
**Subject:** GPA-024-21, Feet and Fuel Management Software Services for the Authority's Fleet - TrackMe Guam Protest and FOIA  
**Attachments:** TrackMe Guam Portest dated 03-12-2021.pdf

Hafa Adai Graham

Kindly see attached protest and FOIA sent from TrackMe Guam relative to GPA-024-21, Feet and Fuel Management Software Services for the Authority's Fleet. The "Stay of Procurement" letters shall be forthcoming. Thank you.

Regards,  
Stephanie Josefa M. Taijeron  
GPA Procurement/Materials Mgmt.  
Tel: (671) 648-3045/3055  
Fax: (671) 648-3165  
Email: [smtaijeron@gpagwa.com](mailto:smtaijeron@gpagwa.com)

**GPA-024-21**

**Fleet and Fuel Management Software  
Services for the Authority's Fleet**

**January 28, 2021**

**Submitted by:**

Auriann Camacho  
Enterprise Sales Account Manager  
PTI Pacifica, Inc. dba IT&E  
122W Harmon Industrial Park Road  
Tamuning, Guam 96913  
(M) 671 456-2874  
Auriann.Camacho@itehq.net



7-001

**EXPLORE  
YOUR  
WORLD**



January 28, 2021

Mr. John M. Benavente, P.E.  
General Manager  
Guam Power Authority  
688 Route 15 Fadian  
Mangilao, Guam 96913  
T. 671 648-3054

Re: Letter of Acceptance and Certification for GPA-024-21

Dear Mr. Benavente,

This serves as IT&E's acceptance of all the terms and conditions as specified on the description and instructions for GPA IFB NO. 024-21, Guam Power Authority Sealed Bid Solicitation Instructions.

With over 35 years of experience in the telecommunications industry on the island and the CNMI in the local government, federal government, military and commercial environments; and, maintaining and managing our own internet service, equipment and bandwidth infrastructure and footprint on Guam and the CNMI. Along with our global partners in the Telecommunications and Information Technology space, we are confident that we are in the best position to meet the requirements as outlined in the scope of work for this IFB. We commit to providing the most competitive pricing along with professional support on island with our local team, as well as professional support services from our global partners like Cisco and Worldwide Technology (WWT).

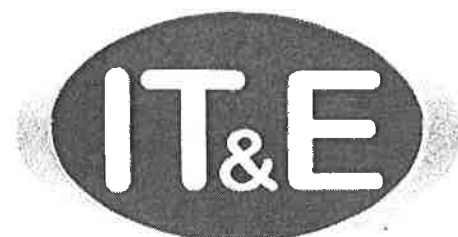
Should there be anything more that IT&E can provide for you, feel free to contact me directly on my mobile at 671 456-2874 or via email at [auriann.camacho@itehq.net](mailto:auriann.camacho@itehq.net). Please be safe and we look forward to being able to work with you and your team in providing quality equipment and support with our highly qualified support engineers, network operations team and our highly service-oriented sales team!

My Best Regards,

  
Auriann Camacho  
Enterprise Sales Account Manager  
IT&E

**GPA-024-21**  
**Fleet and Fuel Management Software**  
**Services for the Authority's Fleet**

**Description and**  
**Instructions**



7-003



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÅHAN  
P.O.BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

To All Interested Parties:

I hereby acknowledge the following **GLOBAL NOTICE: COVID-19 PANDEMIC requirements:**

To ensure the safety and well-being of personnel and prospective bidders, please be advised of the following:

1. Six (6) Feet of Social Distancing shall be practiced.
2. Mandatory face mask required for each individual.
3. Temperature checks shall be conducted upon entrance of the Gloria B. Nelson Public Service Building.
4. One (1) Personnel per Prospective Bidder to submit and attend public opening.
5. One (1) Personnel per Prospective Offeror to submit an RFP proposal.

**COMPANY NAME:**

**NAME OF INDIVIDUAL:**

PTI PACIFICA, INC. dba IT&E

Auriann Camacho *Auriann C.* 1/20/2021

Print / Sign

Date

**BID NO.:** GPA-024-21

**RFP NO.:** \_\_\_\_\_



JOSEPH T. DUENAS  
Chairman



JOHN M. BENAVENTE, P.E.  
General Manager

Telephone Nos. (671) 648-3054/55 or Facsimile (671) 648-3165

Accountability	Impartiality	Competence	Openness	Value
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INVITATION FOR BID (IFB) NO.: GPA-024-21

DESCRIPTION: Fleet and Fuel Management Software Services for the Authority's Fleet

**SPECIAL REMINDERS TO PROSPECTIVE BIDDERS**

Bidders are reminded to read the Sealed Bid Solicitation and Instructions, and General Terms and Conditions attached to the IFB to ascertain that all of the following requirements checked below are submitted in the bid envelope, **one (1) original, in duplicate**, at the date and time for bid opening.

- (XX) BID GUARANTEE (15%) May be in the form of;  
Reference #11 on the General Terms and Conditions
- a. Cashier's Check or Certified Check (**NOTE: Cashier's Check or Certified Check Refunds will be ONLY be made out to the name of the Bidder.**)
  - b. Letter of Credit or
  - c. Surety Bond – Valid only if accompanied by:
    1. Current Certificate of Authority issued by the Insurance Commissioner;
    2. Power of Attorney issued by the Surety to the Resident General Agent;
    3. Power of Attorney issued by two (2) major officers of the Surety to whomever is signing on their behalf.
- ( ) STATEMENT OF QUALIFICATION;
- ( ) SAMPLES;
- ( ) BROCHURES/DESCRIPTIVE LITERATURE; (Shall provide detailed literature on items offered)
- (XX) AFFIDAVIT OF DISCLOSURE OF MAJOR SHAREHOLDERS;
- (XX) NON-COLLUSION AFFIDAVIT;
- (XX) NO GRATUITIES OR KICKBACKS AFFIDAVIT;
- (XX) ETHICAL STANDARDS AFFIDAVIT;
- (XX) WAGE DETERMINATION AFFIDAVIT;
- (XX) RESTRICTIONS AGAINST SEX OFFENDERS AFFIDAVIT;

**Note:** The above Affidavits must comply with the following requirements:

- a. The affidavit must be signed within 60 days of the date the bid is due;
- b. Date of signature of the person authorized to sign the bid and the notary date must be the same.
- c. First time affidavit **must** be an **original** – If copy, indicate Bid Number/Agency where original can be obtained.

(XX) OTHER REQUIREMENTS:

**A Guam Business License and/or Contractor's License with proof of Employer Identification Number (EIN) is not required in order to provide a proposal for this engagement, but is a pre-condition for entering into a contract with the Authority. Bidders MUST comply with PL 26-111 dated June 18, 2002, PL 28-165 dated January 04, 2007 and Wage Determination under the Service Contract Act (www.wdol.gov). Additionally, upon award the successful bidder must provide to GPA the most recently issued Wage Determination by the US Dept. of Labor.**

The reminder must be signed and returned in the bid envelope together with the bid. Failure to comply with the above requirements will mean a disqualification and rejection of the bid.

On this 28th day of January, 2021, I, Auriann Camacho,  
authorized representative of PTI PACIFICA, INC. dba IT&E acknowledge receipt of this  
special reminder to prospective bidders with the above referenced IFB.

Auriann C.  
Bidder Representative's Signature

INVITATION FOR BID

ISSUING OFFICE:

Guam Power Authority  
1<sup>st</sup>. Floor, Room 101  
Procurement Management Materials Supply  
Gloria B. Nelson Public Service Building  
688 Route 15, Mangilao, Guam 96913

  
1/14/2021  
**JOHN M. BENAVENTE, P.E. DATE**  
General Manager 

DATE ISSUED: 01/07/2021  
01/14/2021 BID INVITATION NO.: GPA-024-21  
BID FOR: Fleet and Fuel Management Software  
SPECIFICATION: See Attached  
DESTINATION: See Attached  
**\*\*REQUIRED DELIVERY DATE: March 01, 2021**

INSTRUCTIONS TO BIDDERS:

INDICATE WHETHER:  INDIVIDUAL  PARTNERSHIP  CORPORATION

INCORPORATED IN: CNMI

This bid shall be submitted in duplicate and sealed to the issuing office above no later than (Time) 11:00 A.M.  
Date: January 21, 2021 and shall be publicly opened. Bid submitted after the time and date specified above shall be rejected. See attached General Terms and Conditions and Sealed Bid Solicitation for details.

The undersigned offers and agrees to furnish within the time specified, the articles and services at the price stated opposite the respective items listed on the schedule provided, unless otherwise specified by the bidder. In consideration to the expense of the Government in opening, tabulating, and evaluating this and other bids, and other considerations, the undersigned agrees that this bid remain firm and irrevocable within one hundred twenty (120) calendar days from the date opening to supply any or all of the items which prices are quoted.

NAME AND ADDRESS OF BIDDER:

SIGNATURE AND TITLE OF PERSON  
AUTHORIZED TO SIGN THIS BID:

Auriann Camacho  
122 West Harmon Industrial Park Rd Ste 103  
Tamuning, Guam 96913

  
\_\_\_\_\_

AWARD: CONTRACT NO.: \_\_\_\_\_ AMOUNT: \_\_\_\_\_ DATE: \_\_\_\_\_

ITEM NO(S). AWARDED: \_\_\_\_\_

CONTRACTING OFFICER:

JOHN M. BENAVENTE, P.E. DATE  
General Manager

NAME AND ADDRESS OF CONTRACTOR:

SIGNATURE AND TITLE OF PERSON

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÅHAN  
P.O. BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

Lourdes A. Leon Guerrero  
I Maga 'håga

Telephone Nos. (671) 648-3054/55 Fax: 648-3165

Joshua F. Tenorio  
I Sigundo Maga 'låhi

Accountability	Impartiality	Competence	Openness	Value
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## LOCAL PROCUREMENT PREFERENCE APPLICATION

Based on the law stipulated below, please place a checkmark or an "X" on the block indicating the item that applies to your business:

5GCA, Chapter 5, Section 5008, "Policy in Favor of Local Procurement" of the Guam Procurement Law states:

All procurement of supplies and services shall be made from among businesses licensed to do business on Guam and that maintains an office or other facility on Guam, whenever a business that is willing to be a contractor is:

- ( ) (a) A licensed bonafide manufacturing business that adds at least twenty-five percent (25%) of the value of an item, not to include administrative overhead, suing workers who are U.S. Citizens or lawfully admitted permanent residents or nationals of the United States, or persons who are lawfully admitted to the United States to work, based on their former citizenship in the Trust Territory for the Pacific Islands; or
- ( ) (b) A business that regularly carries an inventory for regular immediate sale of at least fifty percent (50%) of the items of supplies to be procured; or
- ( ) (c) A business that has a bonafide retail or wholesale business location that regularly carries an inventory on Guam of a value of at least one half of the value of the bid or One Hundred Fifty Thousand Dollars (\$150,000.0) whichever is less, of supplies and items of a similar nature to those being sought; or
- (x) \*(d) A service actually in business, doing a substantial business on Guam, and hiring at least 95% U.S. Citizens, lawfully admitted permanent residents or national of the United States, or persons who lawfully admitted to the United States to work, based on their citizenship in any of the nations previously comprising the Trust Territory of the Pacific Islands.

- Bidders indicating qualification under (d) may be considered QUALIFIED for the Local Procurement Preference **only if** the Government's requirement is for service. Service is defined Pursuant to 5 GCA Government Operations Subparagraph 5030 entitled DEFINITIONS under Chapter 5 of the Guam Procurement Law.

1. I Auriann Camacho, representative for PTI PACIFICA, INC. dba IT&E, have read the requirements of the law cited above and do hereby qualify and elect to be given the LOCAL PROCUREMENT PREFERENCE for Bid No.: GPA - 024-21. By filling in this information and placing my signature below, I understand that the Guam Power Authority will review this application and provide me with a determination whether or not the 15% preference will be applied to this bid.

2. I \_\_\_\_\_, representative for \_\_\_\_\_, have read the requirements of the law cited above, and do not wish to apply for the Local Procurement Preference for Bid No.: GPA \_\_\_\_\_.

Auriann C.  
Bidder Representative Signature

1/20/2021  
Date

NOTE:  
Prospective Bidders not completing this form will automatically be not considered for Local Procurement Preference. Non-completion of this form is not a basis for rejection of the bid or proposal.

## GOVERNMENT OF GUAM

## GENERAL TERMS AND CONDITIONS

## SEALED BID SOLICITATION AND AWARD

Only those Boxes checked below are applicable to this bid.

- [X] 1. **AUTHORITY:** This solicitation is issued subject to all the provision of the Guam Procurement Act (5GCA, Chapter 5) And the Guam Procurement Regulations (copies of both are available at the Office of the Complier of laws, Department of Law, copies available for inspection at the Guam Power Authority) It requires all parties involved in the Preparation, negotiation, performance, or administration of contracts to act in good faith.
- [X] 2. **GENERAL INTENTION:** Unless otherwise specified, it is the declared and acknowledged intention and meaning of these General Terms and conditions for the bidder to provide the Government of Guam (Government) with specified services or with materials, supplies or equipment completely assembled and ready for use
- [X] 3. **TAXES:** Bidders are cautioned that they are subject to Guam Income Taxes as well as all other taxes on Guam Transactions. Specific information on taxes may be obtained from the Director of Revenue and Taxation.
- [X] 4. **LICENSING:** Bidders are cautioned that the Government will not consider for award any offer submitted by a bidder who has not complied with the Guam Licensing Law. Specific information on licenses may be obtained from the Director of Revenue and Taxation.
- [X] 5. **LOCAL PROCUREMENT PREFERENCE:** All procurement of supplies and services where possible, will be made from among businesses licensed to do business on Guam in accordance with section 5008 of the Guam Procurement Act (5GCA, Chapter 5) and Section 1-104 of the Guam Procurement Regulations.
- [X] 6. **COMPLIANCE WITH SPECIFICATIONS AND OTHER SOLICITATION REQUIREMENTS:** Bidders shall comply with all specifications and other requirements of the Solicitation.
- [ ] 7. **"ALL OR NONE" BIDS:** Unless otherwise allowed under this Solicitation, "all or none" bids may be deemed to be non-responsive. If the bid is so limited, the Government may reject part of such proposal and award on the remainder.

**NOTE:** By checking this item, the Government is requesting all of the bid items to be bid or none at all. **The Government will not award on an itemized basis.** Reference: Section 3-101.06 of the Guam Procurement Regulations.

- [X] 8. **INDEPENDENT PRICE DETERMINATION:** The bidder, upon signing the Invitation for Bid, certifies that the prices in his bid were derived at without collusion, and acknowledge that collusion and anti-competitive practices are prohibited by law. Violations will be subject to the provision of Section 5651 of that of the Guam Procurement Act. Other existing civil, criminal or administrative remedies are not impaired and may be in addition to the remedies in Section 5651 of the Government code.
- [X] 9. **BIDDER'S PRICE:** The Government will consider not more than two (2) (Basic and Alternate) item prices and the bidder shall explain fully each price if supplies, materials, equipment, and/or specified services offered comply with specifications and the products origin. Where basic or alternate bid meets the minimum required specification, cost and other factors will be considered. Failure to explain this requirement will result in rejection of the bid.
- [X] 10. **BID ENVELOPE:** Envelope shall be sealed and marked with the bidder's name, Bid number, time, date and place of Bid Opening.
- [X] 11. **BID GUARANTEE REQUIREMENT:** Bidder is required to submit a Bid Guarantee Bond or standby irrevocable Letter of Credit or Certified Check or Cashier's Check in the same bid envelope to be held by the Government pending award. The Bid Guarantee Bond, Letter of Credit, Certified Check or Cashier's Check must be issued by any local surety or banking institution licensed to do business on Guam and made payable to the Guam Power Authority in the amount of fifteen percent (15%) of his highest total bid offer. The Bid Bond must be submitted on Government Standard Form BB-1 (copy enclosed). Personal Checks will not be accepted as Bid Guarantee. If a successful Bidder (contractor) withdraws from the bid or fails to enter into contract within the prescribed time, such Bid guarantee will be forfeited to the Government of Guam. Bids will be disqualified if not accompanied by Bid Bond, Letter of Credit, Certified Check or Cashier's check. Bidder must include in his/her bid, valid copies of a Power of Attorney from the Surety and a Certificate of Authority from the Government of Guam to show proof that the surety company named on the bond instrument is authorized by the Government of Guam and qualified to do business on Guam. For detailed information on bonding matters, contact the Department of Revenue and Taxation. Failure to submit a valid Power of Attorney and Certificate of Authority on the surety is cause for rejection of bid. (GPR Section 3-202.03.3) Pursuant to Public Law 27-127, all competitive sealed bidding for the procurement of supplies or services exceeding \$25,000.00 a 15% Bid Security of the total bid price must accompany the bid package.
- [X] 12. **PERFORMANCE BOND REQUIREMENT:** The Bidder may be required to furnish a Performance Bond on Government Standard Form BB-1 or standby irrevocable Letter of Credit or Certified Check or Cashier's Check payable to the Guam Power Authority issued by any of the local Banks or Bonding Institution in the amount equal to FIFTEEN PERCENT (15%) of the contract prices as security for the faithful performance and proper fulfillment of the contract. In the event that any of the provisions of this contract are

violated by the contractor, the Chief Procurement Officer shall serve written notice upon both the contractor and the Surety of its intention to terminate the contract. Unless satisfactory arrangement or correction is made within ten (10) days of such notice the contract shall cease and terminate upon the expiration of the ten (10) days. In the event of any such termination, the Chief Procurement Officer shall immediately serve notice thereof upon the Surety. The Surety shall have the right to take over and perform the contract, provided, however, that if the Surety does not commence performance thereof within 10 days from the date of the mailing of notice of termination, the Government may take over and prosecute the same to complete the contract or force account for the account and at the expense of the contractor, and the contractor and his Surety shall be liable to the Government for any excess cost occasioned the Government thereby (GPR Section 3-202.03.4).

- [X] 13. **PERFORMANCE GUARANTEE:** Bidders who are awarded a contract under this solicitation, guarantee that goods will be delivered or required services performed within the time specified. Failure to perform the contract in a satisfactory manner may be cause for suspension or debarment from doing business with the Government and to enforce Section 23 of these General Terms and Conditions. In addition, the Government will hold the Vendor liable and will enforce the requirements as set forth in Section 41 of these General Terms and Conditions.
- [X] 14. **SURETY BONDS:** Bid and Performance Bonds coverage must be signed or countersigned in Guam by a foreign or alien surety's resident general agent. The surety must be an Insurance Company, authorized by the government of Guam and qualified to do business in Guam. Bids will be disqualified if the Surety Company does not have a valid Certificate of Authority from the Government of Guam to conduct business in Guam.
- [X] 15. **COMPETENCY OF BIDDERS:** Bids will be considered only from such bidders who, in the opinion of the Government, can show evidence of their ability, experience, equipment, and facilities to render satisfactory service.
- [X] 16. **DETERMINATION OF RESPONSIBILITY OF BIDDERS:** The Chief Procurement Officer reserves the right for securing from bidders information to determine whether or not they are responsible and to inspect plant site, place of business; and supplies and services as necessary to determine their responsibility in accordance with Section 15 of these General Terms and Conditions (GPR Section 3-401).
- [X] 17. **STANDARD FOR DETERMINATION OF LOWEST RESPONSIBLE BIDDER:** In determining the lowest responsible offer, the Chief Procurement Officer shall be guided by the following:
- Price of items offered.
  - The ability, capacity, and skill of the Bidder to perform.
  - Whether the Bidder can perform promptly or within the specified time.
  - The quality of performance of the Bidder with regards to awards previously made to him.
  - The previous and existing compliance by the Bidder with laws and regulations relative to procurement.
  - The sufficiency of the financial resources and ability of the Bidder to perform.
  - The ability of the bidder to provide future maintenance and services for the subject of the award
  - The compliance with all of the conditions to the Solicitation.
- [X] 18. **TIE BIDS:** If the bids are for the same unit price or total amount in the whole or in part, the Chief Procurement Officer will determine award based on Section 3.202.15.2, or to reject all such bids (GPR Section 3-202.15.2).
- [ ] 19. **BRAND NAMES:** Any reference in the Solicitation to manufacturer's Brand Names and number is due to lack of a satisfactory specification of commodity description. Such preference is intended to be descriptive, but not restrictive and for the sole purpose of indicating prospective bidders a description of the article or services that will be satisfactory. Bids on comparable items will be considered provided the bidder clearly states in his bid the exact articles he is offering and how it differs from the original specification.
- [ ] 20. **DESCRIPTIVE LITERATURE:** Descriptive literature(s) as specified in this solicitation must be furnished as a part of the bid and must be received at the date and time set for opening Bids. The literature furnished must clearly identify the item(s) in the Bid. The descriptive literature is required to establish, for the purpose of evaluation and award, details of the product(s) the bidder proposes to furnish including design, materials, components, performance characteristics, methods of manufacture, construction, assembly or other characteristics which are considered appropriate. Rejection of the Bid will be required if the descriptive literature(s) do not show that the product(s) offered conform(s) to the specifications and other requirements of this solicitation. Failure to furnish the descriptive literature(s) by the time specified in the Solicitation will require rejection of the bid.
- [ ] 21. **SAMPLES:** Sample(s) of item(s) as specified in this solicitation must be furnished as a part of the bid and must be received at the date and time set for opening Bids. The sample(s) should represent exactly what the bidder proposes to furnish and will be used to determine if the item(s) offered complies with the specifications. Rejection of the Bid will be required if the sample(s) do not show that the product(s) offered conform(s) to the specifications and other requirements of this solicitation. Failure to furnish the sample(s) by the time specified in the Solicitation will require rejection of the Bid.
- [ ] 22. **LABORATORY TEST:** Successful bidder is required to accompany delivery of his goods with a Laboratory Test Report indicating that the product he is furnishing the Government meets with the specifications. This report is on the bidder's account and must be from a certified Testing Association.
- [X] 23. **AWARD, CANCELLATION, & REJECTION:** Award shall be made to the lowest responsible and responsive bidder, whose bid is determined to be the most advantageous to the Government, taking into consideration the evaluation factors set forth in this solicitation. No other factors or criteria shall be used in the evaluation. The right is reserved as the interest of the Government may require to waive any minor irregularity in bid received. The Chief Procurement Officer shall have the authority to award, cancel, or reject bids, in whole or in part for any one or more items if he determines it is in the public interest. Award issued to the lowest responsible bidder within the specified time for acceptance as indicated in the solicitation, results in a bidding contract without further action by either party. In case of an error in the extension of prices, unit price will govern. It is the policy of the Government to award contracts to qualified local bidders. The government reserves the right to increase or decrease the quantity of the items for award and make additional awards for the same type items and the vendor

agrees to such modifications and additional awards based on the bid prices for a period of thirty (30) days after original award. No award shall be made under this solicitation which shall require advance payment or irrevocable letter of credit from the government (GPR Section 3-202, 14.1).

- [ ] 24. **MARKING:** Each outside container shall be marked with the Purchase Order number, item number, brief item description and quantity. Letter marking shall not be less than 3/4" in height.
- [ ] 25. **SCHEDULE FOR DELIVERY:** Successful bidder shall notify the Guam Power Authority, Dededo Warehouse at (671) 653-2073, Information Technology Division at (671) 648-3060, GPA Transportation Supply at (671) 300-8318 and/or Guam Power Authority Cabras Warehouse at (671) 475-3319 at least twenty-four (24) hours before delivery of any item under this solicitation.
- [ ] 26. **BILL OF SALE:** Successful supplier shall render Bills of Sale for each item delivered under this contract. Failure to comply with this requirement will result in rejection of delivery. The Bill of Sale must accompany the items delivered but will not be considered as an invoice for payment. Supplier shall bill the Government in accordance with billing instructions as indicated on the Purchase Order.
- [ ] 27. **MANUFACTURER'S CERTIFICATE:** Successful bidder is required, upon delivery of any item under this contract, to furnish a certificate from the manufacturer indicating that the goods meet the specifications. Failure to comply with this request will result in rejection of delivery payment. Supplier shall bill the Government in accordance with billing instructions as indicated on the Purchase Order.
- [X] 28. **INSPECTION:** All supplies, materials, equipment, or services delivered under this contract shall be subject to the inspection and/or test conducted by the Government at destination. If in any case the supplies, materials, equipment, or services are found to be defective in material, workmanship, performance, or otherwise do not conform with the specifications, the Government shall have the right to reject the items or require that they be corrected. The number of days required for correction will be determined by the Government.
- [ ] 29. **MOTOR VEHICLE SAFETY REQUIREMENTS:** The Government will only consider Bids on motor vehicles which comply with the requirements of the National Traffic and Motor Vehicle safety Act of 1966 (Public Law 89-563) and Clean Air Act as amended (Public Law 88-206), that are applicable to Guam. Bidders shall state if the equipment offered complies with these aforementioned Federal Laws.
- [ ] 30. **SAFETY INSPECTION:** All motor vehicles delivered under this contract must pass the Government of Guam Vehicle Inspection before delivery at destination.
- [ ] 31. **GUARANTEE:**
  - a) **Guarantee of Vehicle Type of Equipment:**  
The successful bidder shall guarantee vehicular type of equipment offered against defective parts, workmanship, and performance, for a period of not less than one (1) year after date of receipt of equipment. Bidder shall also provide service to the equipment for at least one (1) year. Service to be provided shall include, but will not be limited to tune ups (change of spark plugs, contact points and condensers) and lubrication (change of engine and transmission oil). All parts and labor shall be at the expense of the bidder. All parts found defective and not caused by misuse, negligence or accident within the guarantee period shall be repaired, replaced, or adjusted within six (6) working days after notice from the Government and without cost to the Government. Vehicular type of equipment as used in this context shall include equipment used for transportation as differentiated from tractors, backhoes, etc.
  - b) **Guarantee of Other Type of Equipment:**  
The successful bidder shall guarantee all other types of equipment offered, except those mentioned in 31a, above, against defective parts, workmanship, and performance for a period of not less than three (3) months after date of receipt of equipment. Bidder shall also provide service to the equipment for at least three (3) months. All parts found defective within that period shall be repaired or replaced by the Contractor without cost to the Government. Repairs, adjustments or replacements of defective parts shall be completed by the contractor within six (6) working days after notice from the Government.
  - c) Compliance with this Section is a condition of this Bid.
- [X] 32. **REPRESENTATION REGARDING ETHICS IN PUBLIC PROCUREMENT:** The bidder or contractor represents that it has not knowingly influenced and promises that it will not knowingly influence a Government employee to breach any of the ethical standards and represents that it has not violated, is not violating, and promises that it will not violate the prohibition against gratuities and kickbacks set forth on Chapter 11 (Ethics in Public Contracting) of the Guam Procurement Act and in Chapter 11 of the Guam Procurement Regulations.
- [X] 33. **REPRESENTATION REGARDING CONTINGENT FEES:** The contractor represents that it has not retained a person to solicit or secure a Government contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except for retention of bona fide employees or bona fide established commercial selling agencies for the purpose of securing business (GPR Section 11-207)
- [X] 34. **EQUAL EMPLOYMENT OPPORTUNITY:** Contractors shall not discriminate against any employee or applicant of employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that employees are treated equally during employment without regards to their race, color, religion, sex, or national origin.
- [X] 35. **COMPLIANCE WITH LAWS:** Bidders awarded a contract under this Solicitation shall comply with the applicable standard, provisions, and stipulations of all pertinent Federal and/or local laws, rules, and regulations relative to the performance of this contract and the furnishing of goods.
- [ ] 36. **CHANGE ORDER:** Any order issued relative to awards made under this solicitation will be subject to and in accordance with the provisions of Section 6-101-03.1 of the Guam Procurement Regulations.
- [ ] 37. **STOP WORK ORDER:** Any stop work order issued relative to awards made under this solicitation will be subject to and in accordance with the provisions of Section 6-101-04.1 of the Guam Procurement Regulations.

- [X] 38. **TERMINATION FOR CONVENIENCE:** Any termination order for the convenience of the Government issued relative towards made under this solicitation will be subject to and in accordance with the provisions of Section 6-101.10 of the Government Procurement Regulations.
  
- [X] 39. **TIME FOR COMPLETION:** It is hereby understood and mutually agreed by and between the contractor and the Government that the time for delivery to final destination or the timely performance of certain services is an essential condition of this contract. If the contractor refuses or fails to perform any of the provisions of this contract within the time specified in the Purchase Order (from the date Purchase Order is acknowledged by vendor), then the contractor is in default. Defaults will be treated subject to and in accordance with the provisions of Section 6-101-08 of the Guam Procurement Regulations.
  
- [X] 40. **JUSTIFICATION OF DELAY:** Bidders who are awarded contracts under this Solicitation, guarantee that the goods will be delivered to their destination or required services rendered within the time specified. If the bidder is not able to meet the specified delivery date, he is required to notify the Chief Procurement Officer of such delay. Notification shall be in writing and shall be received by the Chief Procurement Officer at least twenty-four (24) hours before the specified delivery date. Notification of delay shall include an explanation of the causes and reasons for the delay including statement(s) from supplier or shipping company causing the delay. The Government reserves the right to reject delay justification if, in the opinion of the Chief Procurement Officer, such justification is not adequate.
  
- [X] 41. **LIQUIDATED DAMAGES:** When the contractor is given notice of delay or nonperformance as specified in Paragraph 1 (Default) of the Termination for Default Clause of this contract and fails to cure in the time specified, the contractor shall be liable for damages for delay in the amount of one-fourth of one percent (1%) of outstanding order per calendar day from date set for cure until either the territory reasonable obtains similar supplies or services if the contractor is terminated for default, or until the contractor provides the supplies or services if the contractor is not terminated for default. To the extent that the contractor's delay or nonperformance is excused under Paragraph 40 (Excuse for Nonperformance or Delayed Performance) of the Termination for Default Clause of this contract, liquidated damages shall not be due the territory. The contractor remains liable for damages caused other than by delay (GPR Section 6-101-09.1).
  
- [X] 42. **PHYSICAL LIABILITY:** If it becomes necessary for the Vendor, either as principal, agent or employee, to enter upon the premises or property of the Government of Guam in order to construct, erect, inspect, make delivery or remove property hereunder, the Vendor hereby covenants and agrees to take, use, provide and make all proper, necessary and sufficient precautions, safeguards and protections against the occurrence of any accidents, injuries or damages to any person or property during the progress of the work herein covered, and to be responsible for, and to indemnify and save harmless the Government of Guam from the payment of all sums of money by reason of all or any such accidents, injuries or damages that may occur upon or about such work, and fines, penalties and loss incurred for or by reasons of the violations of any territorial ordinance, regulations, or the laws of Guam or the United States, while the work is in progress. Contractor will carry insurance to indemnify the Government of Guam against any claim for loss, damage or injury to property or persons arising out of the performance of the Contractor or his employees and agents of the services covered by the contract and the use, misuse or failure of any equipment used by the contractor or his employees or agents, and shall provide certificates of such insurance to the Government of Guam when required.
  
- [X] 43. **CONTACT FOR CONTRACT ADMINISTRATION:** If your firm receives a contract as a result of this Solicitation, please designate a person whom we may contact for prompt administration.

Name: Auriann Camacho Title: Business Account Manager  
 Address: 122 West Harmon Industrial Park Rd. Ste 103. Telephone: 671-456-2874  
Tamuning Guam 96913

## GOVERNMENT OF GUAM

SEALED BID SOLICITATION INSTRUCTIONS

1. **BID FORMS:** Each bidder shall be provided with two (2) sets of Solicitation forms. Additional copies may be provided upon request. Bidders requesting additional copies of said forms will be charged per page in accordance with Section 6114 of the Government Code of Guam. All payments for this purpose shall be by cash, certified check or money order and shall be made payable to the Guam Power Authority.
2. **PREPARATIONS OF BIDS:**
  - a) Bidders are required to examine the drawings, specifications, schedule, and all instructions. Failure to do so will be at bidder's risk.
  - b) Each bidder shall furnish the information required by the Solicitation. The bidder shall sign the solicitation and print or type his name on the Schedule. Erasures or other changes must be initialed by the person signing the bid. Bids signed by an agent are to be accompanied by evidence of this authority unless such evidence has been previously furnished to the issuing office.
  - c) Unit price for each unit offered shall be shown and such price shall include packing unless otherwise specified. A total shall be entered in the amount column of the Schedule for each item offered. In case of discrepancies between a unit price and extended price, the unit price will be presumed to be correct.
  - d) Bids for supplies or services other than those specified will not be considered. Time, if stated as a number of days, means calendar days and will include Saturdays, Sundays, and holidays beginning the day after the issuance of a Notice to Proceed. Time stated ending on a Saturday, Sunday or Government of Guam legal holiday will end at the close of the next business day.
3. **EXPLANATION TO BIDDERS:** Any explanation desired by a bidder regarding the meaning or interpretation of the Solicitation, drawings, specifications, etc., must be submitted in writing and with sufficient time allowed for a written reply to reach all bidders before the submission of their bids. Oral explanations or instructions given before the award of the contract will not be binding. Any information given to a prospective bidder concerning a Solicitation will be furnished to all prospective bidders in writing as an amendment to the Solicitation if such information would be prejudicial to uninformed bidders.
4. **ACKNOWLEDGEMENT OF AMENDMENTS TO SOLICITATIONS:** Receipt of an amendment to a Solicitation by a bidder must be acknowledged by signing an acknowledgement of receipt of the amendment. Such acknowledgement must be received prior to the hour and date specified for receipt of bids.
5. **SUBMISSION OF BIDS:**
  - a) Bids and modifications thereof shall be enclosed in sealed envelopes and addressed to the office specified in the Solicitation. The bidder shall show the hour and date specified in the Solicitation for receipt, the Solicitation number, and the name and address of the bidder on the face of the envelope.
  - b) Telegraphic bids will not be considered unless authorized by the Solicitation. However, bids may be modified or withdrawn by written or telegraphic notice, provided such notice is received prior to the hour and date specified for receipt (see paragraph 6 of these instructions).
  - c) Samples of items, when required, must be submitted within the time specified, unless otherwise specified by the Government, at no expense to the Government. If not destroyed by testing, samples will be returned at bidder's request and expense, unless otherwise specified by the Solicitation.
  - d) Samples or descriptive literature should not be submitted unless it is required on this solicitation. Regardless of any attempt by a bidder to condition the bid, unsolicited samples or descriptive literature will not be examined or tested at the bidder's risk, and will not be deemed to vary any of the provisions of this Solicitation.
6. **FAILURE TO SUBMIT BID:** If no bid is to be submitted, do not return the solicitation unless otherwise specified. A letter or postcard shall be sent to the issuing office advising whether future Solicitations for the type of supplies or services covered by this Solicitation are desired.
7. **LATE BID, LATE WITHDRAWALS, AND LATE MODIFICATIONS:**
  - a) Definition: Any bid received after the time and date set for receipt of bids is late. Any withdrawal or modification of a bid received after the time and date set for opening of bids at the place designated for opening is late (Guam Procurement Regulations Section 3-202)
  - b) Treatment: No late bid, late modification, or late withdrawal will be considered unless received before contract award, and the bid, modification, or withdrawal would have been timely but for the action or inaction of territorial personnel directly serving the procurement activity.
8. **DISCOUNTS:**
  - a) Notwithstanding the fact that prompt payment discounts may be offered, such offer will not be considered in evaluating bids for award unless otherwise specified in the Solicitation. However, offered discounts will be taken if payment is made within the discount period, even though not considered in the evaluation of bids.
  - b) In connection with any discount offered, time will be computed from date of delivery and acceptance of the supplies to the destination as indicated in the purchase order or contract. Payment is deemed to be made for the purpose of earning the discount on the date of mailing of the Government check.

9. **GOVERNMENT FURNISHED PROPERTY:** No material, labor or facilities will be furnished by the Government unless otherwise provided for in the Solicitation.
10. **SELLERS' INVOICES:** Invoices shall be prepared and submitted in quadruplicate (one copy shall be marked "original") unless otherwise specified. Invoices shall be "certified true and correct" and shall contain the following information: Contract and order number (if any), item numbers, description of supplies or services, sizes, quantities, unit prices, and extended total. Bill of lading number and weight of shipment will be shown for shipments made on Government bills of lading.
11. **RECEIPT, OPENING AND RECORDING OF BIDS:** Bids and modifications shall be publicly opened in the presence of one or more witnesses, at the time, date, and place designated in the Invitation for Bids. The name of each bidder, the bid price, and such other information as is deemed appropriate by the Procurement Officer, shall be read aloud and recorded, or otherwise made available. The names and addresses of required witnesses shall be recorded at the opening. The opened bids shall be available for public inspection except to the extent the bidder designates trade secrets or other proprietary data to be confidential as set forth in accordance with Section 12 below. Material so designated shall accompany the bid and shall be readily separable from the bid in order to facilitate public inspection of the non-confidential portion of the bid. Prices, makes and models or catalogue numbers of the items offered, deliveries, and terms of payment shall be publicly available at the time of bid opening regardless of any designation to the contrary (Guam Procurement Regulations Section 3-202.12.2).
12. **CONFIDENTIAL DATA:** The Procurement Officer shall examine the bids to determine the validity of any requests for nondisclosure of trade secrets and other proprietary data identified in writing. If the parties do not agree as to the disclosure of data, the Procurement Officer shall inform the bidders in writing what portions of the bid will be disclosed and that, unless the bidders protest under Chapter 9 of the Guam Procurement Act (P.L. 16-124), the bids will be so disclosed. The bids shall be opened to public inspection subject to any continuing prohibition on the disclosure of confidential data (Guam Procurement Regulations Section 3-202.12.3).
13. **MULTI-STEP SEALED BIDDING:**
- a. It is defined as two-phase process consisting of a technical first-phase composed of one or more steps in which bidders submit unpriced technical offers to be evaluated by the territory, and a second-phase in which those bidders whose technical offers are determined to be acceptable during the first-step have their priced bids considered. It is designed to obtain the benefits of competitive sealed bidding by award of a contract to the lowest responsive, responsible bidder, and at the same time obtain the benefits of the competitive sealed proposals procedure through the solicitation of technical offers and the conduct of discussions to evaluate and determine the acceptability of technical offers.
- b. In addition to the requirements set forth in the General Terms and Conditions and the Special provisions, the following applies:
- 1) only unpriced technical offers are requested in the first phase;
  - 2) priced bids will be considered only in the second phase and only from bidders whose unpriced technical offers are found acceptable in the first phase;
  - 3) the criteria to be used in the evaluation at those specified in the Special Provisions and the General Terms and Conditions;
  - 4) the territory, to the extent the Procurement Officer finds necessary, may conduct oral or written discussion of the unpriced technical offers;
  - 5) the bidders, may designate those portions of the unpriced technical offers which contain trade secrets or other proprietary data which are to remain confidential; and,
  - 6) the service being procured shall be furnished generally in accordance with bidder's technical offer as found to be finally acceptable and shall meet the requirements of the Invitation for Bids.
- c. **RECEIPT AND HANDLING OF UNPRICED TECHNICAL OFFERS.**  
Unpriced technical offers shall not be opened publicly, but shall be opened in front of two or more procurement officials. Such offers shall not be disclosed to unauthorized persons. Bidders may request nondisclosure of trade secrets and other proprietary data identified in writing.
- d. **EVALUATION OF UNPRICED TECHNICAL OFFERS.**  
The unpriced technical offers submitted by bidders shall be evaluated solely in accordance with the criteria set forth in the Invitation for Bids. The unpriced technical offers shall be categorized as:
- 1) acceptable;
  - 2) potentially acceptable, that is, reasonably susceptible of being made acceptable, or
  - 3) unacceptable. The Procurement Officer shall record in writing the basis for finding an offer unacceptable and make it part of the procurement file.
- The Procurement Officer may initiate Phase Two of the procedure if, in the Procurement Officer's opinion, there are sufficient acceptable unpriced technical offers to assure effective price competition in the second phase without technical discussions. If the Procurement Officer finds such is not the case, the Procurement Officer shall issue an amendment to the Invitation for Bids or engage in technical discussions as set forth in Subsection 3-202.20.5 of this Section.
- e. Upon the completion of Phase One, the Procurement Officer shall invite each acceptable bidder to submit a price bid. Upon submission of prices, the Procurement Officer shall prepare the final evaluation and reconsideration for the Chief Procurement Officer's approval.

**GPA-024-21**  
**Fleet and Fuel Management Software**  
**Services for the Authority's Fleet**

**Specifications and**  
**Pricing**





Amendment No.: 1  
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INVITATION FOR BID NO.: GPA-024-21  
Requisition No.: 34708

NO.	DESCRIPTION	QTY.	U/I	MONTHLY:	ANNUALLY:
**1.0	To provide the Guam Power Authority, Transportation Division with Fleet and Fuel Management Services for 200 vehicles to include web- based software, technical assistance, devices, installation, replacement and/or removal of devices for the Authority's fleet. Commencement shall be March 01, 2021 and expires September 30, 2021 or upon exhaustion of funds, whichever occurs first.	LOT		\$ 5,628.00	\$ 67,536.00

A. GENERAL INFORMATION:

**COMPLY / NON-COMPLIANCE:**

A.1 - The Guam Power Authority is soliciting bids from qualified firms for the leasing of Web-based software for a fleet management and fuel tracking application, to include technical assistance, fleet management devices, installation, replacement and/or removal of devices. The successful bidder shall demonstrate the capability of supplying a quality and user friendly software application and to provide reliable technical assistance and services to meet the Authority's needs. Bidder shall provide a complete package to the Guam Power Authority.

Comply

A.2 - Contract shall include technical assistance as outlined below; available from 8am to 5pm Monday thru Friday excluding observed Government of Guam Holidays.

Comply

B. FLEET MANAGEMENT DEVICES:

**COMPLY / NON-COMPLIANCE:**

B.1 - All fleet management devices and/or replacement devices shall be leased to the Authority at a fixed rate for the duration of the contract to include any and all option years exercised.

Comply

\*\*B.2 - Warranty for the fleet management devices shall be for the entirety of the contract to include all and any option years exercised.

Comply

B.3 - All Fleet Management device installations, removals and/or replacements shall be scheduled and approved; prior to commencement of work by the Authority's Fleet Support Service Manager.

Comply

B.4 - An initial installation of 180 devices into vehicles designated by the Authority's Fleet Support Services Manager shall commence on or about March 01, 2021 and shall be completed May 01, 2021. All extension request for initial installation, must be approved by the Authority's Fleet Support Service Manager.

Comply

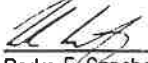
B.5 - The remaining 20 devices shall be installed in designated Authority vehicles and/or equipment upon the request of the Authority's Fleet Support Service Manager.

Comply

B.6 - Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.

Comply


SPECIFICATION GENERATED/REVIEWED BY:

  
Pedro E. Sanchez 01/14/2021  
Date  
Management Analyst III

SPECIFICATION CONCURRED BY:

  
JIMMY D. PANGELINAN 01/14/2021  
Date  
Fleet Support Service Manager

SPECIFICATION APPROVED BY:

  
MELINDA C. MAFNAS, P.E. 01.14.2021  
Date  
Assistant General Manager of Operations

**INVITATION FOR BID NO.: GPA-024-21**  
**Requisition No.: 34708**

<u>NO.</u>	<u>DESCRIPTION</u>	<u>QTY. U/I</u>	<u>MONTHLY:</u>	<u>ANNUALLY:</u>
B.7 -	Installations, removals and/or replacements that exceed the estimated time frame shall be approved by the Authority's Fleet Support Service Manager prior to the commencement of work.			Comply
<b>C. <u>SOFTWARE SERVICES:</u></b>				
<b>COMPLY / NON-COMPLIANCE:</b>				
C.1 -	Software Services with technical assistance upon request shall consist of the following:			Comply
C.1-1	Provide a complete fleet and fuel management package on a secure web-based application to display and manage data compiled from the fleet management devices and users.			Comply
C.1-2	Allow for a minimum of 50 accounts with the ability to program specific levels of access enabling users to monitor specific groups of vehicles, customize vehicle profiles, and access fleets historical data.			Comply
C.1-3	Provide record vehicle service and maintenance data, to include date of next service (preventive maintenance) and safety inspections due, maintain records of all services done.			Comply
C.1-4	Provide automated notifications to specified users regarding registration renewal dates and preventive maintenance scheduled dates of vehicles.			Comply
C.1-5	Determine location of vehicles with real-time tracking and updates, both vehicle and driver-specific.			Comply
C.1-6	Enable user to see its entire fleet on web-based mapping service application and provide zoom-in capabilities to individual vehicles around specified points on web-based map.			Comply
C.1-7	Ability to view multiple map layers and customize map layers.			Comply
C.1-8	Ability to import map layers from outside source.			Comply
C.1-9	Provide real-time tracking of location, driving speed, operator of vehicle, stopping, idling, time spent at locations, distance traveled, engine hours and route used.			Comply
C.1-10	Maintain and provide upon request historical data of fleet vehicles, to include: location, driving speed, operator of vehicle, stopping, idling, time spent at locations, distance traveled, engine hours and route used.			Comply
C.1-11	Ability to create geographical boundaries (Geo-Fences) that show when vehicles enter, or exit areas in real-time, and interactive map feature that includes location to destination navigation with turn-by-turn directions from point A to point B, and record total time spent in zone or area; and create fixed routes to assign specific drivers or vehicles.			Comply
C.1-12	Provide real-time automated vehicle tracking alerts sent to accounts specified by the Authority's Fleet Support Service Manager; via email, pop-up notifications on web-based application or by text message.			Comply

**INVITATION FOR BID NO.: GPA-024-21  
Requisition No.: 34708**

NO.	DESCRIPTION	QTY. U/I	MONTHLY:	ANNUALLY:
C.1-13	Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.		Comply	
C.1-14	Provide multiple data-specific reports to include individual trip data by vehicle, distance traveled by vehicle, distance traveled by driver, summary reports of al by group description, service/ maintenance history and how often the vehicles are used.		Comply	
C.1-15	Provide the following data-specific reports to include, date of trip, drive (start & end time), drive (duration), driver, speed (average, top, duration & count), vehicle idle time by minutes, idle time count, travel distance, vehicle/ equipment division and location.		Comply	
C.1-16	Provide vehicle mileage reports that include engine hours, driver usage, estimated fuel consumption.		Comply	
C.1-17	Provide fuel dispense tracking report for Authority's Service Truck (Official 5463). Data to include date and time of fuel dispense, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and personnel who dispensed the fuel.		Comply. IT&E solution can provide the required reports based of the tracking mechanism of the vehicle being fueled and through the Key Fob assignment	
C.2 -	Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates.		Comply. Vehicle must be able to support the application to deliver the requirement, i.e. older vehicle models may not be able to support fleet tracking applications.	
C.3 -	All Fleet Management historical data shall be maintained for the term of the contract and/or all option years.		Comply	
C.3-1	Access; upon request to all historical data, for personnel authorized by the Fleet Support Service Manager.		Comply	
<b>D.</b>	<b><u>PRODUCT SUPPORT:</u></b>		<b>COMPLY / NON-COMPLIANCE:</b>	
D.1 -	New driver access key step up, access key issuance and issuance tracking.		Comply	
D.2 -	Training services for use of the software must be available throughout the duration of the contract, include new employee training and refresher courses.		Comply	
D.3 -	All trainings will be coordinated and scheduled by the Guam Power Authority's Transportation Division as required.		Comply	
<b>E.</b>	<b><u>GUARANTEES:</u></b>		<b>COMPLY / NON-COMPLIANCE:</b>	
E.1 -	Dealer shall warrant the software and all auxiliary equipment conforms to the proposed specifications and be free of defects from material, workmanship and title.		Comply	
E.2 -	Manufacturer's brochure/s (original) shall be submitted and attached on bid submittal.		Comply	

INVITATION FOR BID NO.: GPA-024-21  
 Requisition No.: 34708

NO.	DESCRIPTION	QTY.	U/I	MONTHLY:	ANNUALLY:
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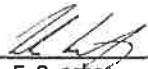
**CONTRACT TERM:**

The contract period shall be for one (1) year base period with an option to renew annually for two (2) additional one (1) year options, not to exceed a maximum of three (3) years.

**NOTE:**

Notwithstanding the fact that this contract was written by one (1) party, it will be construed that it was written by two (2) parties.

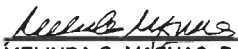
**SPECIFICATION GENERATED/REVIEWED BY:**

  
 \_\_\_\_\_ 12/31/20  
 Pedro F. Sanchez Date  
 Management Analyst III

**SPECIFICATION CONCURRED BY:**

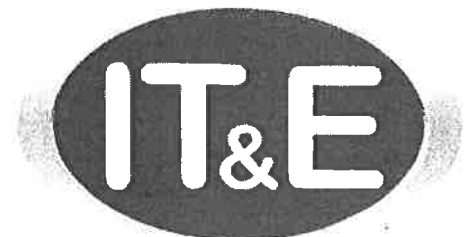
  
 \_\_\_\_\_ 12/31/2020  
 JIMMY D. PANGELINAN Date  
 Fleet Support Service Manager

**SPECIFICATION APPROVED BY:**

  
 \_\_\_\_\_ 12.31.2020  
 MELINDA C. MAFNAS, P.E. Date  
 Assistant General Manager of Operations

**GPA-024-21**  
**Fleet and Fuel Management Software**  
**Services for the Authority's Fleet**

**Bid Bond**



**7-019**



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÁHAN  
P.O. BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

Lourdes A. Leon Guerrero  
I Maga 'hàga

Telephone Nos. (671) 648-3054/55 Fax: 648-3165

Joshua F. Tenorio  
I Sigundo Maga 'lahi

## BID BOND

Bond No.: CIC-SUBD21-1002

NO.: GPA-024-21

KNOW ALL MEN BY THESE PRESENTS that PTI Pacifica, Inc. dba IT&E, as

Principal Hereinafter called the Principal, and (Bonding Company), Century Insurance Company (Guam), Ltd.  
A duly admitted insurer under the laws of the Territory of Guam, as Surety, hereinafter called the Surety are  
Held firmly bound unto the Territory of Guam for the sum of 15% of Bid Amount Dollars  
(\$ 15% of Bid Amount ), for Payment of which sum will and truly to be made, the said Principal and the said  
Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly  
by these presents.

WHEREAS, the Principal has submitted a bid for (identify project by number and brief description)  
Bid for Fleet and Fuel Management Software Services for the Authority's Fleet as identified under  
GPA-024-21

NOW, THEREFORE, if the Territory of Guam shall accept the bid of the Principal and the Principal shall  
enter into a Contract with the Territory of Guam in accordance with the terms of such bid, and give such bond or  
bonds as my be specified in bidding or Contract documents with good and sufficient surety for the faithful  
performance of such Contract Documents with good and sufficient surety for the faithful performance of such  
Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event  
of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the  
Territory of Guam the difference not to exceed the penalty hereof between the amounts specified in said bid  
and such larger amount for which the Territory of Guam may in good faith contract with another party to perform  
work covered by said bid or an appropriate liquidated amount as specified in the Invitation for Bids then this  
obligation shall be null and void, otherwise to remain full force and effect.

Signed and sealed this 27 day of Jan 2021.

[Signature]  
Percival DLG Acejo  
(WITNESS)

[Signature]  
PTI Pacifica, Inc. dba IT&E  
(PRINCIPAL) (SEAL)



[Signature]  
Senior Account Broker  
(TITLE)  
Corneio L. Mazinguihan  
(MAJOR OFFICER OF SURETY)

[Signature]  
Kevin K. Ward  
Vice President & Director  
(TITLE)

[Signature]  
General Manager  
(TITLE)

[Signature]  
Assurance Brokers, Inc.  
(RESIDENT GENERAL AGENT)

**SEE INSTRUCTIONS FOR SUPPORTING DOCUMENTS REQUIRED.**

**INSTRUCTION TO PROVIDERS:**

NOTICE to all Insurance and Bonding Institutions:

The Bond requires the signatures of the Vendor, two (2) major Officers of the Surety and Resident General Agent, if the Surety is a foreign or alien surety.

When the form is submitted to the Guam Power Authority, it should be accompanied with copies of the following:

1. Current Certificate of Authority to do business on Guam issued by the Department of Revenue and Taxation.
2. Power of Attorney issued by the Surety to the Resident General Agent.
3. Power of Attorney issued by two (2) major officers of the Surety to whoever is signing on their behalf.

Bonds, submitted as Bid Guarantee, without signatures and supporting documents are invalid and Bids will be rejected.

GOVERNMENT OF GUAM  
DEPARTMENT OF REVENUE AND TAXATION  
OFFICE OF THE BANKING AND INSURANCE COMMISSIONER  
**CERTIFICATE OF AUTHORITY**  
RENEWAL COA372

Know All Men By These Presents That:

**Name** CENTURY INSURANCE CO (GUAM) LTD

**Address** 219 SOUTH MARINE CORP DRIVE  
TAMUNING,, GU 96913

STE 102 CENTURY PLAZA BUILDING

**Classes of Insurance Authorized**

Accident & Health  
Fidelity & Surety  
Fire  
Marine  
Miscellaneous

Motor Vehicle  
Workmens Comp

Having complied with the Insurance Law of Guam, is hereby authorized to transact as an insurer, the above named Classes of Insurance in Guam from the 1st day of July, 2020 to the 1st day of July, 2021 unless authority is revoked for failure to comply with the law.

**General Agent(s):**

ASSURANCE BROKERS INC. (GUAM)DBA AB RISK SOLUTIONS

In Witness Whereof, I have hereunto subscribed my name officially and have hereon impressed my Seal of Office at the City of Hagatña, Guam on this 1st day of July, 2020

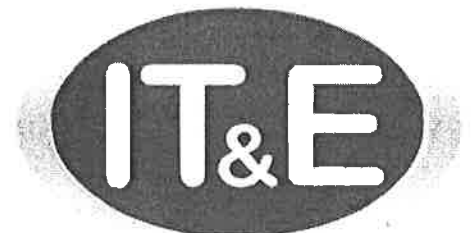
  
**DAFNE MANSAPIT-SHIMIZU**  
Acting Banking & Insurance Commissioner



**GPA-024-21**

**Fleet and Fuel Management Software  
Services for the Authority's Fleet**

**Affidavits**



**7-023**

MAJOR SHAREHOLDERS OF DISCLOSURE AFFIDAVIT

TERRITORY OF GUAM)

HAGATNA, GUAM )

I, undersign, JAMES I. OEHLERKING  
(partner or officer of the company of, etc.)

being first duly sworn, deposes and says:

- 1. That the person who have held more than ten percent (10%) of the company's shares during the past twelve (12) months are as follows:

<u>Name</u>	<u>Address</u>	<u>Percentage of Shares Held</u>
<u>The Micronesia Telecommunications Corporation</u>	<u>P.O. Box 500306 Saipan, MP 96950</u>	<u>100%</u>
_____	_____	_____
_____	_____	_____
Total number of shares		_____

- 2. Persons who have received or are entitled a commission, gratuity or other compensation for procuring or assisting in obtaining business related to the bid/rfp for which this Affidavit is submitted are as follows:

<u>Name</u>	<u>Address</u>	<u>Amount of Commission Gratuity or other Compensation</u>
_____	_____	_____
_____	_____	_____

Further, affiant sayeth naught.

Date: \_\_\_\_\_

[Signature]  
 Signature of individual if bidder/offeree is a sole Proprietorship; Partner, if the bidder/offeree is a Partnership Officer, if the bidder/offeree is a corporation.

Subscribe and sworn to before me this 13 day of Jan 20      .

Notary Public [Signature]

In and for the Territory of Guam

My commission expires 9/30/2024

**STEVEN CARRARA**  
**NOTARY PUBLIC**  
 In and for Guam, U.S.A.  
 My Commission Expires: SEP. 30, 2024  
 298 Fairway Drive, Yona, GU 96915

NON-COLLUSION AFFIDAVIT

Guam )  
 )ss:  
Hagatna )

I, JAMES I. OEHLERKING first being duly sworn, depose and say:  
(Name of Declarant)

1. That I am the CEO of PTI PACIFICA, INC. d/b/a IT&E  
(Title) (Name of Bidding/RFP Company)
2. That in making the foregoing proposal or bid, that such proposal or bid is Genuine and not collusive or shame, that said bidder/offeror has not colluded, Conspired, connived or agreed, directly or indirectly, with any bidder or person, to put in a sham or to refrain from bidding or submitting a proposal and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the bid of affiant or any other bidder, or to secure any overhead, project or cost element of said bid price, or of that of any bidder, or to secure any advantage against the GUAM POWER AUTHORITY or any person interested in the proposed contract; and
3. That all statements in said proposal or bid are true.
4. This affidavit is made in compliance with Guam Administrative Rules and Regulations §§3126(b).

J. Oehlerking  
(Declarant)

SUBSCRIBED AND SWORN to me before this 18 day of Jan, 2021.

)Seal(

STC  
Notary Public

**STEVEN CARRARA**  
**NOTARY PUBLIC**  
In and for Guam, U.S.A.  
My Commission Expires: **SEP. 30, 2024**  
298 Fairway Drive, Yona, GU 96915

### NO GRATUITIES OR KICKBACKS AFFIDAVIT

AFFIDAVIT  
(Offeror)

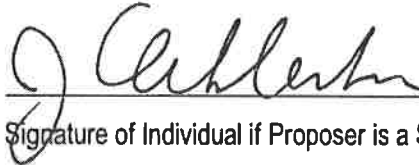
TERRITORY OF GUAM )

HAGATNA, GUAM )

SS:

JAMES I. OEHLERKING, being first duly sworn, deposes and says:

As the duly authorized representative of the Offeror, that neither I nor of the Offeror's officers, representatives, agents, subcontractors, or employees has or have offered, given or agreed to give any government of Guam employee or former employee, any payment, gift, kickback, gratuity or offer of employment in connection with Offeror's proposal.



Signature of Individual if Proposer is a Sole Proprietorship;  
Partner, if the Proposer is a Partnership;  
Officer, if the Proposer is a Corporation

SUBSCRIBED AND SWORN to before me this 18 day of June, 2021.



Notary Public  
In and for the Territory of Guam  
My Commission Expires:

**STEVEN CARRARA**  
**NOTARY PUBLIC**  
In and for Guam, U.S.A.  
My Commission Expires: **SEP. 30, 2024**  
298 Fairway Drive, Yona, GU 96915

### ETHICAL STANDARDS AFFIDAVIT

**AFFIDAVIT**  
(Proposer)

TERRITORY OF GUAM )


HAGATNA, GUAM )

SS:

JAMES I. OEHLERKING, being first duly sworn, deposes and says:

That I am ( the Sole Proprietor, a Partner or Officer of the Offeror)

That Offeror making the foregoing Proposal, that neither he or nor of the Offeror's officers, representatives, agents, subcontractors, or employees of the Offeror have knowingly influenced any government of Guam employee to breach any of the ethical standards set forth in 5 GCA Chapter 5 Article 11, and promises that neither he nor any officer, representative, agent, subcontractor, or employee of Offeror will knowingly influence any government of Guam employee to breach any ethical standard set for in 5 GCA Chapter 5 Article 11.

  
\_\_\_\_\_  
Signature of Individual if Proposer is a Sole Proprietorship;  
Partner, if the Proposer is a Partnership;  
Officer, if the Proposer is a Corporation

SUBSCRIBED AND SWORN to before me this 1<sup>st</sup> day of Jan, 2021.



**STEVEN CARRARA**  
**NOTARY PUBLIC**  
In and for Guam, U.S.A.  
My Commission Expires: SEP 30, 2024  
298 Fairway Drive, Yona, Guam

Notary Public  
In and for the Territory of Guam  
My Commission Expires:



## DECLARATION RE-COMPLIANCE WITH U.S. DOL WAGE DETERMINATION

Procurement No.: GPA-024-21Name of Offeror Company: PTI PACIFICA, INC. d/b/a IT&EJAMES I. OEHLERKING hereby certifies under penalty of perjury:

- (1) That I am ~~the Offeror~~ <sup>an Officer of</sup> (the offeror, a partner of the offeror, an officer of the offeror) making the bid or proposal in the foregoing identified procurement;
- (2) That I have read and understand the provisions of 5 GCA § 5801 and § 5802 which read:

**§ 5801. Wage Determination Established.**

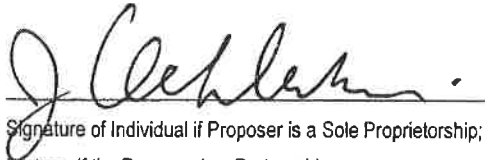
In such cases where the government of Guam enters into contractual arrangements with a sole proprietorship, a partnership or a corporation ('contractor') for the provision of a service to the government of Guam, and in such cases where the contractor employs a person(s) whose purpose, in whole or in part, is the direct delivery of service contracted by the government of Guam, then the contractor shall pay such employee(s) in accordance with the Wage Determination for Guam and the Northern Mariana Islands issued and promulgated by the U.S. Department of Labor for such labor as is employed in the direct delivery of contract deliverables to the government of Guam.

The Wage Determination most recently issued by the U.S. Department of Labor at the time a contract is awarded to a contractor by the government of Guam shall be used to determine wages, which shall be paid to employees pursuant to this Article. Should any contract contain a renewal clause, then at the time of renewal adjustments, there shall be made stipulations contained in that contract for applying the Wage Determination, as required by this Article, so that the Wage Determination promulgated by the U.S. Department of Labor on a date most recent to the renewal date shall apply.

**§ 5802. Benefits.**

In addition to the Wage Determination detailed in this Article, any contract to which this Article applies shall also contain provisions mandating health and similar benefits for employees covered by this Article, such benefits having a minimum value as detailed in the Wage Determination issued and promulgated by the U.S. Department of Labor, and shall contain provisions guaranteeing a minimum of ten (10) paid holidays per annum per employee.

- (3) That the offeror is in full compliance with 5 GCA § 5801 and § 5802, as may be applicable to the procurement referenced herein;

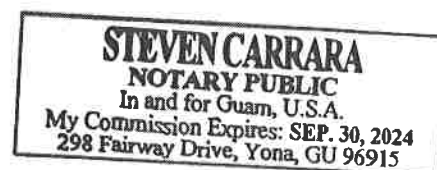


Signature of Individual if Proposer is a Sole Proprietorship;  
Partner, if the Proposer is a Partnership;  
Officer, if the Proposer is a Corporation

SUBSCRIBED AND SWORN to before me this 10 day of Jan, 2021.



Notary Public  
In and for the Territory of Guam  
My Commission Expires:





01300 - Scheduler Maintenance	15.55
01311 - Secretary I	15.55
01312 - Secretary II	17.40
01313 - Secretary III	19.39
01320 - Service Order Dispatcher	14.00
01410 - Supply Technician	21.43
01420 - Survey Worker	16.79
01460 - Switchboard Operator/Receptionist	9.67
01531 - Travel Clerk I	13.01
01532 - Travel Clerk II	14.12
01533 - Travel Clerk III	15.09
01611 - Word Processor I	14.53
01612 - Word Processor II	16.31
01613 - Word Processor III	18.26
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer Fiberglass	14.82
05010 - Automotive Electrician	13.92
05040 - Automotive Glass Installer	13.02
05070 - Automotive Worker	13.02
05110 - Mobile Equipment Servicer	11.16
05130 - Motor Equipment Metal Mechanic	14.82
05160 - Motor Equipment Metal Worker	13.02
05190 - Motor Vehicle Mechanic	14.82
05220 - Motor Vehicle Mechanic Helper	10.22
05250 - Motor Vehicle Upholstery Worker	12.11
05280 - Motor Vehicle Wrecker	13.02
05310 - Painter Automotive	13.92
05340 - Radiator Repair Specialist	13.02
05370 - Tire Repairer	12.34
05400 - Transmission Repair Specialist	14.82
07000 - Food Preparation And Service Occupations	
07010 - Baker	10.47
07041 - Cook I	12.05
07042 - Cook II	14.05
07070 - Dishwasher	9.28
07130 - Food Service Worker	9.34
07210 - Meat Cutter	11.86
07260 - Waiter/Waitress	9.23
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	18.04
09040 - Furniture Handler	10.95
09080 - Furniture Refinisher	18.04
09090 - Furniture Refinisher Helper	13.27
09110 - Furniture Repairer Minor	15.70
09130 - Upholsterer	18.04
11000 - General Services And Support Occupations	
11030 - Cleaner Vehicles	9.35
11060 - Elevator Operator	9.35
11090 - Gardener	13.00
11122 - Housekeeping Aide	9.44
11150 - Janitor	9.44
11210 - Laborer Grounds Maintenance	9.82
11240 - Maid or Houseman	9.26
11260 - Pruner	8.79
11270 - Tractor Operator	11.90
11330 - Trail Maintenance Worker	9.82
11360 - Window Cleaner	10.54
12000 - Health Occupations	
12010 - Ambulance Driver	17.77
12011 - Breath Alcohol Technician	17.77
12012 - Certified Occupational Therapist Assistant	24.38
12015 - Certified Physical Therapist Assistant	24.38
12020 - Dental Assistant	15.02
12025 - Dental Hygienist	32.84
12030 - EKG Technician	25.99



12035 - Electroneurodiagnostic Technologist	25.99
12040 - Emergency Medical Technician	17.77
12071 - Licensed Practical Nurse I	15.88
12072 - Licensed Practical Nurse II	17.77
12073 - Licensed Practical Nurse III	19.81
12100 - Medical Assistant	12.26
12130 - Medical Laboratory Technician	18.82
12160 - Medical Record Clerk	13.61
12190 - Medical Record Technician	17.77
12195 - Medical Transcriptionist	15.88
12210 - Nuclear Medicine Technologist	39.04
12221 - Nursing Assistant I	11.34
12222 - Nursing Assistant II	12.75
12223 - Nursing Assistant III	13.91
12224 - Nursing Assistant IV	15.61
12235 - Optical Dispenser	17.77
12236 - Optical Technician	15.88
12250 - Pharmacy Technician	15.49
12280 - Phlebotomist	15.33
12305 - Radiologic Technologist	23.03
12311 - Registered Nurse I	22.53
12312 - Registered Nurse II	27.56
12313 - Registered Nurse II Specialist	27.56
12314 - Registered Nurse III	33.34
12315 - Registered Nurse III Anesthetist	33.34
12316 - Registered Nurse IV	39.96
12317 - Scheduler (Drug and Alcohol Testing)	22.01
12320 - Substance Abuse Treatment Counselor	22.01
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	20.35
13012 - Exhibits Specialist II	25.20
13013 - Exhibits Specialist III	30.83
13041 - Illustrator I	20.35
13042 - Illustrator II	25.20
13043 - Illustrator III	30.83
13047 - Librarian	27.91
13050 - Library Aide/Clerk	16.20
13054 - Library Information Technology Systems Administrator	25.20
13058 - Library Technician	16.64
13061 - Media Specialist I	18.18
13062 - Media Specialist II	20.35
13063 - Media Specialist III	22.68
13071 - Photographer I	18.18
13072 - Photographer II	20.35
13073 - Photographer III	25.20
13074 - Photographer IV	30.83
13075 - Photographer V	37.30
13090 - Technical Order Library Clerk	20.35
13110 - Video Teleconference Technician	17.38
14000 - Information Technology Occupations	
14041 - Computer Operator I	15.71
14042 - Computer Operator II	17.22
14043 - Computer Operator III	19.19
14044 - Computer Operator IV	21.33
14045 - Computer Operator V	23.62
14071 - Computer Programmer I	(see 1) 15.73
14072 - Computer Programmer II	(see 1) 19.50
14073 - Computer Programmer III	(see 1) 23.84
14074 - Computer Programmer IV	(see 1)
14101 - Computer Systems Analyst I	(see 1) 24.23
14102 - Computer Systems Analyst II	(see 1)
14103 - Computer Systems Analyst III	(see 1)
14150 - Peripheral Equipment Operator	15.71
14160 - Personal Computer Support Technician	21.33

14170 - System Support Specialist	21.24
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	24.23
15020 - Aircrew Training Devices Instructor (Rated)	29.32
15030 - Air Crew Training Devices Instructor (Pilot)	34.91
15050 - Computer Based Training Specialist / Instructor	24.23
15060 - Educational Technologist	27.61
15070 - Flight Instructor (Pilot)	34.91
15080 - Graphic Artist	20.47
15085 - Maintenance Test Pilot Fixed Jet/Prop	34.91
15086 - Maintenance Test Pilot Rotary Wing	34.91
15088 - Non-Maintenance Test/Co-Pilot	34.91
15090 - Technical Instructor	17.67
15095 - Technical Instructor/Course Developer	21.62
15110 - Test Proctor	14.27
15120 - Tutor	14.27
16000 - Laundry Dry-Cleaning Pressing And Related Occupations	
16010 - Assembler	9.88
16030 - Counter Attendant	9.88
16040 - Dry Cleaner	11.30
16070 - Finisher Flatwork Machine	9.88
16090 - Presser Hand	9.88
16110 - Presser Machine Drycleaning	9.88
16130 - Presser Machine Shirts	9.88
16160 - Presser Machine Wearing Apparel Laundry	9.88
16190 - Sewing Machine Operator	11.94
16220 - Tailor	12.44
16250 - Washer Machine	10.36
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	18.04
19040 - Tool And Die Maker	22.67
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	13.96
21030 - Material Coordinator	21.78
21040 - Material Expediter	21.78
21050 - Material Handling Laborer	11.37
21071 - Order Filler	9.66
21080 - Production Line Worker (Food Processing)	13.96
21110 - Shipping Packer	15.92
21130 - Shipping/Receiving Clerk	15.92
21140 - Store Worker I	14.76
21150 - Stock Clerk	20.75
21210 - Tools And Parts Attendant	13.96
21410 - Warehouse Specialist	13.96
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	22.76
23019 - Aircraft Logs and Records Technician	17.70
23021 - Aircraft Mechanic I	21.67
23022 - Aircraft Mechanic II	22.76
23023 - Aircraft Mechanic III	23.91
23040 - Aircraft Mechanic Helper	15.07
23050 - Aircraft Painter	20.35
23060 - Aircraft Servicer	17.70
23070 - Aircraft Survival Flight Equipment Technician	20.35
23080 - Aircraft Worker	19.12
23091 - Aircrew Life Support Equipment (ALSE) Mechanic I	19.12
23092 - Aircrew Life Support Equipment (ALSE) Mechanic II	21.67
23110 - Appliance Mechanic	18.04
23120 - Bicycle Repairer	14.49
23125 - Cable Splicer	19.59
23130 - Carpenter Maintenance	16.07
23140 - Carpet Layer	16.86
23160 - Electrician Maintenance	18.05

23181 - Electronics Technician Maintenance I	16.86
23182 - Electronics Technician Maintenance II	18.04
23183 - Electronics Technician Maintenance III	19.55
23260 - Fabric Worker	15.70
23290 - Fire Alarm System Mechanic	15.43
23310 - Fire Extinguisher Repairer	14.49
23311 - Fuel Distribution System Mechanic	19.21
23312 - Fuel Distribution System Operator	14.49
23370 - General Maintenance Worker	11.96
23380 - Ground Support Equipment Mechanic	21.67
23381 - Ground Support Equipment Servicer	17.70
23382 - Ground Support Equipment Worker	19.12
23391 - Gunsmith I	14.49
23392 - Gunsmith II	16.86
23393 - Gunsmith III	19.21
23410 - Heating Ventilation And Air-Conditioning Mechanic	17.16
23411 - Heating Ventilation And Air Contidioning Mechanic (Research Facility)	18.25
23430 - Heavy Equipment Mechanic	18.35
23440 - Heavy Equipment Operator	17.12
23460 - Instrument Mechanic	19.21
23465 - Laboratory/Shelter Mechanic	18.04
23470 - Laborer	11.37
23510 - Locksmith	18.04
23530 - Machinery Maintenance Mechanic	23.13
23550 - Machinist Maintenance	19.21
23580 - Maintenance Trades Helper	10.67
23591 - Metrology Technician I	19.21
23592 - Metrology Technician II	20.42
23593 - Metrology Technician III	21.63
23640 - Millwright	19.21
23710 - Office Appliance Repairer	18.04
23760 - Painter Maintenance	13.95
23790 - Pipefitter Maintenance	18.39
23810 - Plumber Maintenance	17.27
23820 - Pneudraulic Systems Mechanic	19.21
23850 - Rigger	19.21
23870 - Scale Mechanic	16.86
23890 - Sheet-Metal Worker Maintenance	16.09
23910 - Small Engine Mechanic	16.86
23931 - Telecommunications Mechanic I	19.01
23932 - Telecommunications Mechanic II	19.91
23950 - Telephone Lineman	18.24
23960 - Welder Combination Maintenance	17.95
23965 - Well Driller	19.21
23970 - Woodcraft Worker	19.21
23980 - Woodworker	14.49
24000 - Personal Needs Occupations	
24550 - Case Manager	14.72
24570 - Child Care Attendant	10.09
24580 - Child Care Center Clerk	13.25
24610 - Chore Aide	11.62
24620 - Family Readiness And Support Services Coordinator	14.72
24630 - Homemaker	16.12
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	19.21
25040 - Sewage Plant Operator	21.59
25070 - Stationary Engineer	19.21
25190 - Ventilation Equipment Tender	13.27
25210 - Water Treatment Plant Operator	21.59
27000 - Protective Service Occupations	
27004 - Alarm Monitor	10.90
27007 - Baggage Inspector	9.40

27008	- Corrections Officer	12.05
27010	- Court Security Officer	12.05
27030	- Detection Dog Handler	10.90
27040	- Detention Officer	12.05
27070	- Firefighter	12.05
27101	- Guard I	9.40
27102	- Guard II	10.90
27131	- Police Officer I	12.05
27132	- Police Officer II	13.40
28000	- Recreation Occupations	
28041	- Carnival Equipment Operator	12.79
28042	- Carnival Equipment Repairer	13.97
28043	- Carnival Worker	9.45
28210	- Gate Attendant/Gate Tender	13.18
28310	- Lifeguard	11.01
28350	- Park Attendant (Aide)	14.74
28510	- Recreation Aide/Health Facility Attendant	11.84
28515	- Recreation Specialist	18.26
28630	- Sports Official	11.74
28690	- Swimming Pool Operator	17.71
29000	- Stevedoring/Longshoremen Occupational Services	
29010	- Blocker And Bracer	23.62
29020	- Hatch Tender	23.62
29030	- Line Handler	23.62
29041	- Stevedore I	21.98
29042	- Stevedore II	25.26
30000	- Technical Occupations	
30010	- Air Traffic Control Specialist Center (HFO) (see 2)	39.89
30011	- Air Traffic Control Specialist Station (HFO) (see 2)	27.50
30012	- Air Traffic Control Specialist Terminal (HFO) (see 2)	30.29
30021	- Archeological Technician I	17.49
30022	- Archeological Technician II	19.56
30023	- Archeological Technician III	24.21
30030	- Cartographic Technician	23.18
30040	- Civil Engineering Technician	23.08
30051	- Cryogenic Technician I	25.57
30052	- Cryogenic Technician II	28.24
30061	- Drafter/CAD Operator I	17.49
30062	- Drafter/CAD Operator II	19.56
30063	- Drafter/CAD Operator III	20.77
30064	- Drafter/CAD Operator IV	25.57
30081	- Engineering Technician I	14.84
30082	- Engineering Technician II	16.66
30083	- Engineering Technician III	18.64
30084	- Engineering Technician IV	23.08
30085	- Engineering Technician V	28.24
30086	- Engineering Technician VI	34.16
30090	- Environmental Technician	23.08
30095	- Evidence Control Specialist	23.08
30210	- Laboratory Technician	20.77
30221	- Latent Fingerprint Technician I	25.57
30222	- Latent Fingerprint Technician II	28.24
30240	- Mathematical Technician	23.34
30361	- Paralegal/Legal Assistant I	19.44
30362	- Paralegal/Legal Assistant II	23.94
30363	- Paralegal/Legal Assistant III	29.29
30364	- Paralegal/Legal Assistant IV	35.44
30375	- Petroleum Supply Specialist	28.24
30390	- Photo-Optics Technician	21.93
30395	- Radiation Control Technician	28.24
30461	- Technical Writer I	23.08
30462	- Technical Writer II	28.24
30463	- Technical Writer III	34.16
30491	- Unexploded Ordnance (UXO) Technician I	25.35
30492	- Unexploded Ordnance (UXO) Technician II	30.67

30493 - Unexploded Ordnance (UXO) Technician III	36.76
30494 - Unexploded (UXO) Safety Escort	25.35
30495 - Unexploded (UXO) Sweep Personnel	25.35
30501 - Weather Forecaster I	25.57
30502 - Weather Forecaster II	31.09
30620 - Weather Observer Combined Upper Air Or	(see 2) 20.77
Surface Programs	
30621 - Weather Observer Senior	(see 2) 23.08
31000 - Transportation/Mobile Equipment Operation Occupations	
31010 - Airplane Pilot	30.67
31020 - Bus Aide	8.15
31030 - Bus Driver	9.69
31043 - Driver Courier	9.69
31260 - Parking and Lot Attendant	9.91
31290 - Shuttle Bus Driver	10.59
31310 - Taxi Driver	10.37
31361 - Truckdriver Light	10.59
31362 - Truckdriver Medium	11.61
31363 - Truckdriver Heavy	13.92
31364 - Truckdriver Tractor-Trailer	13.92
99000 - Miscellaneous Occupations	
99020 - Cabin Safety Specialist	14.95
99030 - Cashier	9.48
99050 - Desk Clerk	9.70
99095 - Embalmer	25.35
99130 - Flight Follower	25.35
99251 - Laboratory Animal Caretaker I	22.67
99252 - Laboratory Animal Caretaker II	24.77
99260 - Marketing Analyst	21.54
99310 - Mortician	25.35
99410 - Pest Controller	14.61
99510 - Photofinishing Worker	13.32
99710 - Recycling Laborer	15.75
99711 - Recycling Specialist	21.66
99730 - Refuse Collector	14.91
99810 - Sales Clerk	9.66
99820 - School Crossing Guard	16.75
99830 - Survey Party Chief	22.02
99831 - Surveying Aide	12.52
99832 - Surveying Technician	16.27
99840 - Vending Machine Attendant	22.67
99841 - Vending Machine Repairer	28.88
99842 - Vending Machine Repairer Helper	22.67

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Note: Executive Order (EO) 13706 Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1 2017. If this contract is covered by the EO the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness injury or other health-related needs including preventive care; to assist a family member (or person who is like family to the employee) who is ill injured or has other health-related needs including preventive care; or for reasons resulting from or to assist a family member (or person who is like family to the employee) who is the victim of domestic violence sexual assault or stalking. Additional information on contractor requirements and worker protections

under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$4.54 per hour up to 40 hours per week or \$181.60 per week or \$786.93 per month

HEALTH & WELFARE EO 13706: \$4.22 per hour up to 40 hours per week or \$168.80 per week or \$731.47 per month\*

\*This rate is to be used only when compensating employees for performance on an SCA-covered contract also covered by EO 13706 Establishing Paid Sick Leave for Federal Contractors. A contractor may not receive credit toward its SCA obligations for any paid sick leave provided pursuant to EO 13706.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; and 4 weeks after 3 years. Length of service includes the whole span of continuous service with the present contractor or successor wherever employed and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day Martin Luther King Jr.'s Birthday Washington's Birthday Memorial Day Independence Day Labor Day Columbus Day Veterans' Day Thanksgiving Day and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b) this wage determination does not apply to any employee who individually qualifies as a bona fide executive administrative or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage

determination.

Additionally because job titles vary widely and change quickly in the computer industry job titles are not determinative of the application of the computer professional exemption. Therefore the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures including consulting with users to determine hardware software or system functional specifications;

(2) The design development documentation analysis creation testing or modification of computer systems or programs including prototypes based on and related to user or system design specifications;

(3) The design documentation testing creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

**\*\* HAZARDOUS PAY DIFFERENTIAL \*\***

An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance explosives and incendiary materials. This includes work such as screening blending dying mixing and pressing of sensitive ordnance explosives and pyrotechnic compositions such as lead azide black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization modification renovation demolition and maintenance operations on sensitive ordnance explosives and incendiary materials. All operations involving re-grading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with or in close proximity to ordnance (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands face or arms of the employee engaged in the operation irritation of the skin minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving unloading storage and hauling of ordnance explosive and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance explosives and incendiary material differential pay.

**\*\* UNIFORM ALLOWANCE \*\***

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract by the employer by the state or local law etc.) the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition where uniform cleaning and maintenance is made the responsibility of the employee all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount or the furnishing of contrary affirmative proof as to the actual cost) reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However in those instances where the uniforms furnished are made of "wash and wear" materials may be routinely washed and dried with other personal garments and do not require any special treatment such as dry cleaning daily washing or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract by the contractor by law or by the nature of the work there is no requirement that employees be reimbursed for uniform maintenance costs.

**\* SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS \*\***

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations" Fifth Edition (Revision 1) dated September 2015 unless otherwise indicated.

**\*\* REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE Standard Form 1444 (SF-1444) \*\*****Conformance Process:**

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e. the work to be performed is not performed by any classification listed in the wage determination) be classified by the contractor so as to provide a reasonable relationship (i.e. appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination (See 29 CFR 4.6(b)(2)(i)). Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification wage rate and/or fringe benefits which shall be paid to all employees performing in the classification from the first day of work on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested

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parties and/or fully determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract. (See 29 CFR 4.6(b)(2)(v)). When multiple wage determinations are included in a contract a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
  
- 2) After contract award the contractor prepares a written report listing in order the proposed classification title(s) a Federal grade equivalency (FGE) for each proposed classification(s) job description(s) and rationale for proposed wage rate(s) including information regarding the agreement or disagreement of the authorized representative of the employees involved or where there is no authorized representative the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
  
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action together with the agency's recommendations and pertinent information including the position of the contractor and the employees to the U.S. Department of Labor Wage and Hour Division for review (See 29 CFR 4.6(b)(2)(ii)).
  
- 4) Within 30 days of receipt the Wage and Hour Division approves modifies or disapproves the action via transmittal to the agency contracting officer or notifies the contracting officer that additional time will be required to process the request.
  
- 5) The contracting officer transmits the Wage and Hour Division's decision to the contractor.
  
- 6) Each affected employee shall be furnished by the contractor with a written copy of such determination or it shall be posted as a part of the wage determination (See 29 CFR 4.6(b)(2)(iii)).

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request the "Service Contract Act Directory of Occupations" should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember it is not the job title but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split combine or subdivide classifications listed in the wage determination (See 29 CFR 4.152(c)(1))."



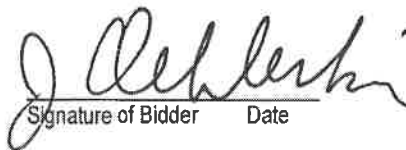
**SPECIAL PROVISIONS**

**Restriction Against Sex Offenders Employed by Service Providers to Government of Guam from Working on Government of Guam Property**

GCA 5 §5253 Restriction Against Contractors Employing Convicted Sex Offenders from Working at Government of Guam Venues:

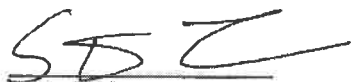
- (a) No person convicted of a sex offense under the provisions of Chapter 25 of Title 9 Guam Code Annotated, or an offense as defined in Article 2 of Chapter 28, Title 9 GCA in Guam, or an offense in any jurisdiction which includes, at a minimum, all of the elements of said offenses, or who is listed on the Sex Offender Registry, and who is employed by a business contracted to perform services for an agency or instrumentality of the government of Guam, shall work for his employer on the property of the Government of Guam other than public highway.
- (b) All contracts for services to agencies listed herein shall include the following provisions: (1) warranties that no person providing services on behalf of the contractor has been convicted of a sex offense under the provisions of Chapter 25 of Title 9 GCA or an offense as defined in Article 2 of Chapter 28, Title 9 GCA, or an offense in another jurisdiction with, at a minimum, the same elements as such offenses, or who is listed on the Sex Offender Registry; and (2) that if any person providing services on behalf of the contractor is convicted of a sex offense under the provisions of Chapter 25 of Title 9 GCA or an offense as defined in Article 2 of Chapter 28, Title 9 GCA or an offense in another jurisdiction with, at a minimum, the same elements as such offenses, or who is listed on the Sex Offender Registry, that such person will be immediately removed from working at said agency and that the administrator of said agency be informed of such within twenty-four (24) hours of such conviction.
- (c) Duties of the General Services Agency or Procurement Administrators. All contracts, bids, or Requests for Proposals shall state all the conditions in § 5253(b).
- (d) Any contractor found in violation of § 5253(b), after notice from the contracting authority of such violation, shall, within twenty-four (24) hours, take corrective action and shall report such action to the contracting authority. Failure to take corrective action within the stipulated period may result in the temporary suspension of the contract at the discretion of the contracting authority.

**SOURCE:** Added by P.L. 28-024:2 ((Apr. 21, 2005). Amended by P.L. 28-098:2 (Feb. 7, 2006).

  
 Signature of Bidder      Date

Proposer, if an individual;  
 Partner, if a partnership;  
 Officer, if a corporation.

Subscribed and sworn before me this 18 day of Jan, 2021.

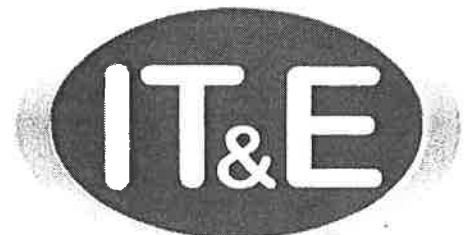
  
 Notary Public

**STEVEN CARRARA**  
**NOTARY PUBLIC**  
 In and for Guam, U.S.A.  
 My Commission Expires: SEP. 30, 2024  
 298 Fairway Drive, Yona, GU 96915

**GPA-024-21**

**Fleet and Fuel Management Software  
Services for the Authority's Fleet**

**Spec Sheets**



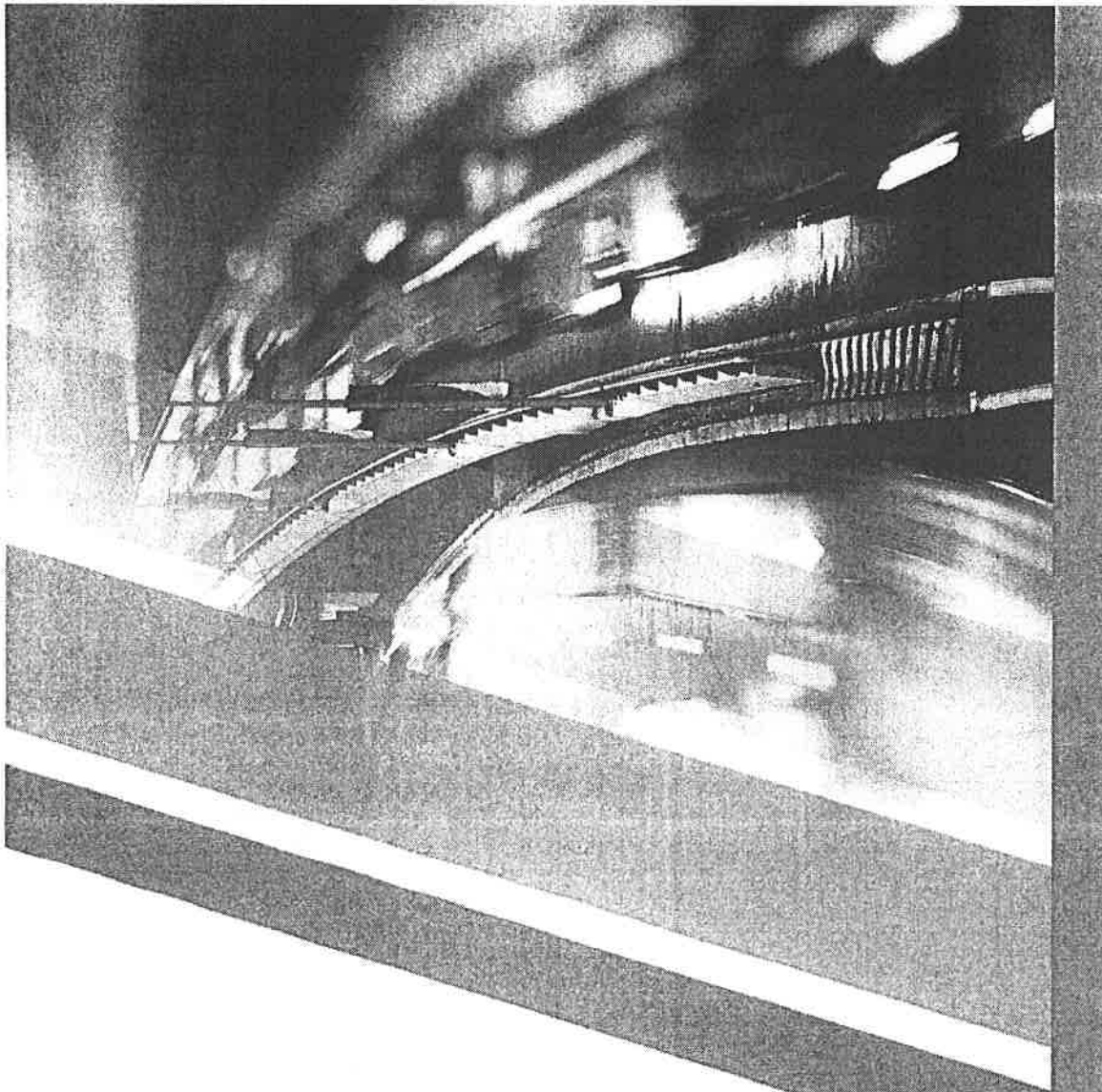
**7-042**

# MiFleet



[www.MiFleet.US](http://www.MiFleet.US)

7-043



SAAS PERSONAL



**Mike Lawless**

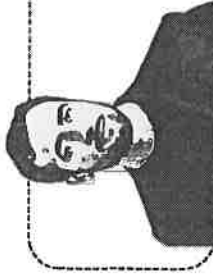
EVP, Sales  
M. (858) 349.8833  
mlawless@dcsbusiness.com

Primary  
Sales Contacts



**Anthony Vicchiarelli**

Regional Sales Manager IoT  
D. (858) 951.8238  
twicchiare@dcsbusiness.com

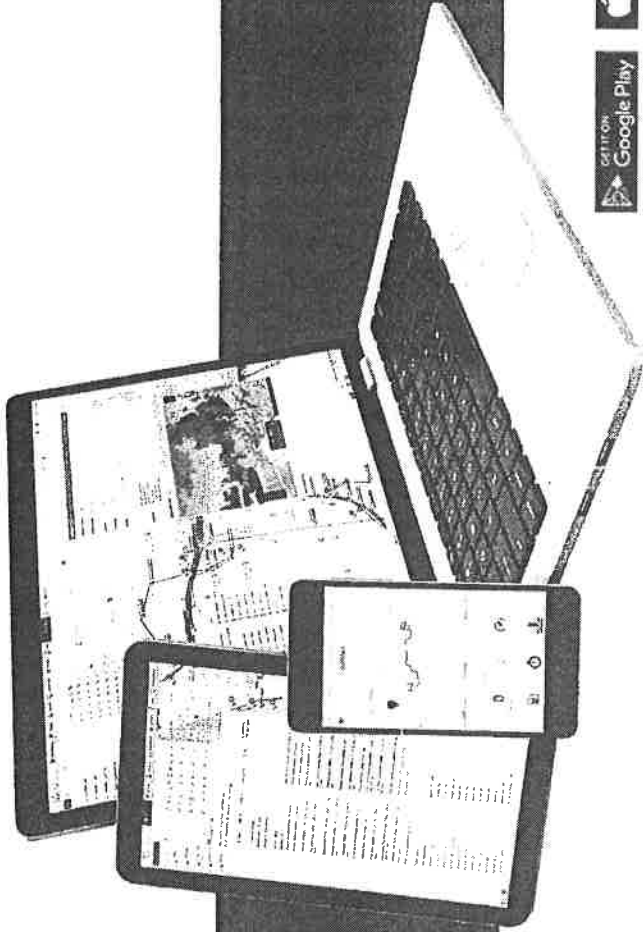
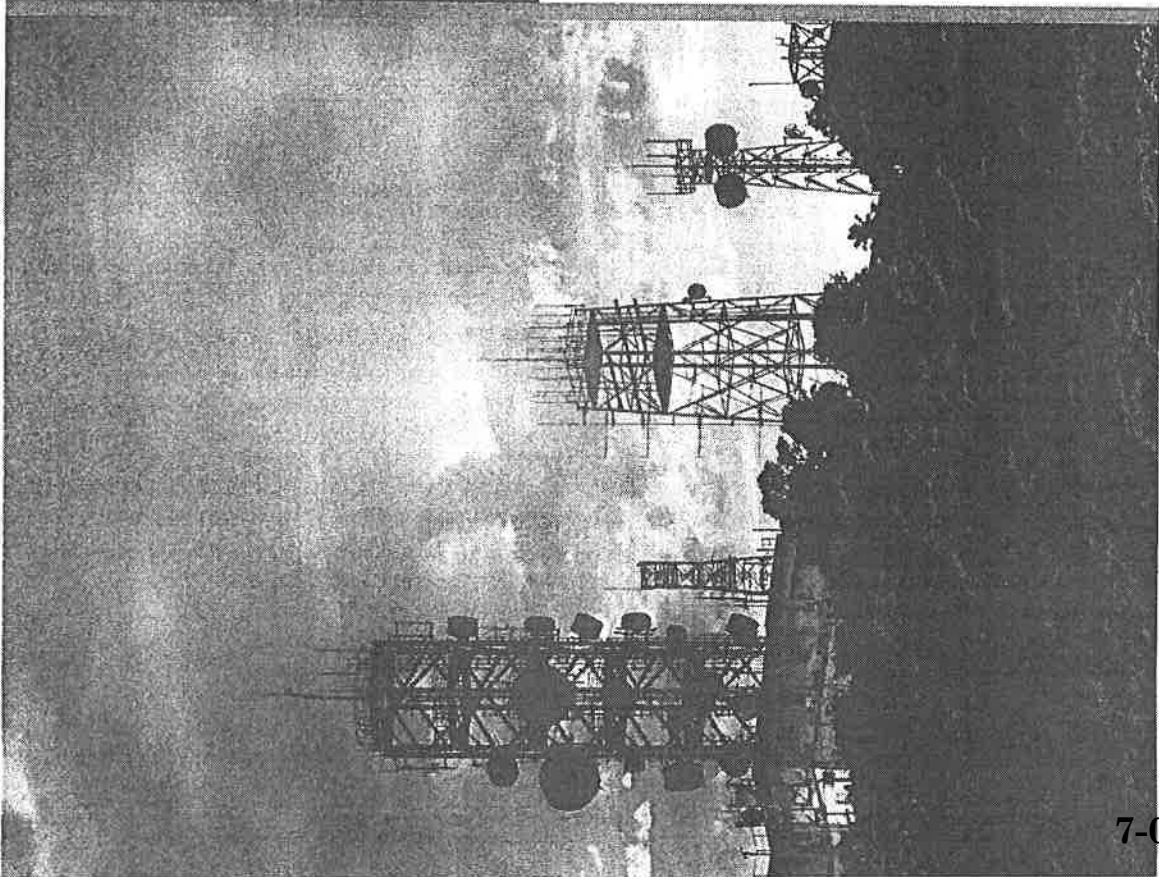


**Robert Richey**

IoT Applications, Product Manager  
D. (858) 247.8095  
rrichey@dcsbusiness.com

Platform &  
Technical Support



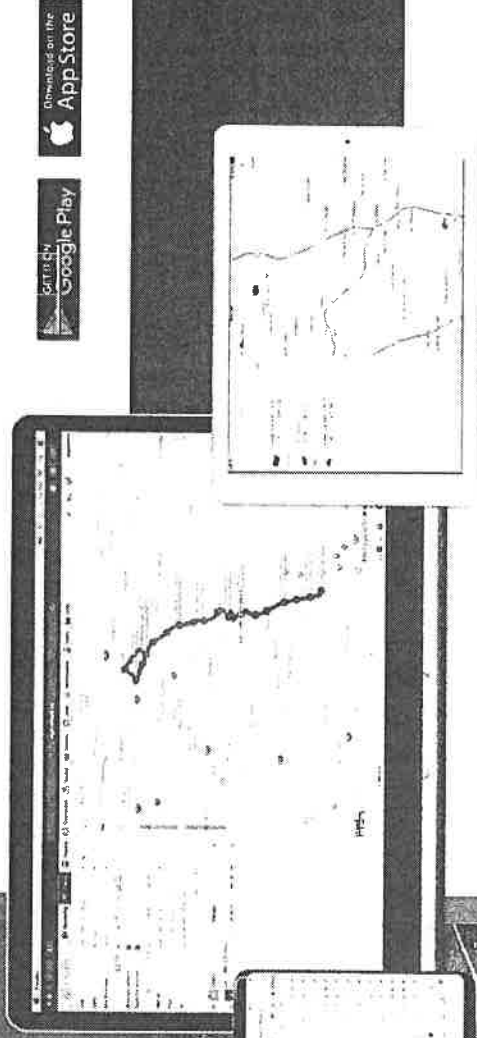


### MiFleet Capabilities

- » Consumer Friendly
- » Commercial Friendly
- » Customized Reporting
- » **Sensor Monitoring**
- » **High Value Equipment**
- » Long-term Deployment
- » Driver Behavior Education
- » **PTO (Power Take Off)**
- » Logistics Services
- » **Retroactive Geofencing**
- » Device Programming
- » **DTC Code Information**

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  - Focused Flexibility
    - Solution Options
  - Live Training Tutorials & Demos
  - Sensor Monitoring
  - Advanced mobile applications
  - Advanced maintenance tools
- Open API for Custom Integrations
  - Web Tools for Managers
  - Development Services Available
  - Veteran Owned / Operated
  - Customized Reporting & Notifications
  - One Platform for All Monitoring

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ID	Assignment	Assignment	Initial location	End	Direction	Distance	Estimated	Estimated	Estimated
111	10101156	10101156	10101156	10101156	10101156	10101156	10101156	10101156	10101156
112	10101157	10101157	10101157	10101157	10101157	10101157	10101157	10101157	10101157
113	10101158	10101158	10101158	10101158	10101158	10101158	10101158	10101158	10101158
114	10101159	10101159	10101159	10101159	10101159	10101159	10101159	10101159	10101159
115	10101160	10101160	10101160	10101160	10101160	10101160	10101160	10101160	10101160
116	10101161	10101161	10101161	10101161	10101161	10101161	10101161	10101161	10101161
117	10101162	10101162	10101162	10101162	10101162	10101162	10101162	10101162	10101162
118	10101163	10101163	10101163	10101163	10101163	10101163	10101163	10101163	10101163
119	10101164	10101164	10101164	10101164	10101164	10101164	10101164	10101164	10101164
120	10101165	10101165	10101165	10101165	10101165	10101165	10101165	10101165	10101165

## CUSTOMIZED REPORTS

By using MiFleet, you will gain access to our pre-existing library of over 150 updated reporting templates or have the ability to completely customize your report based on data needs.

- Customize your reports
- Maximize profits through report analysis
- Schedule your reports to run automatically

ID	Grouping	Assignment	Initial location	End	Direction	Distance	Estimated	Estimated	Estimated
121	10101166	10101166	10101166	10101166	10101166	10101166	10101166	10101166	10101166
122	10101167	10101167	10101167	10101167	10101167	10101167	10101167	10101167	10101167
123	10101168	10101168	10101168	10101168	10101168	10101168	10101168	10101168	10101168
124	10101169	10101169	10101169	10101169	10101169	10101169	10101169	10101169	10101169
125	10101170	10101170	10101170	10101170	10101170	10101170	10101170	10101170	10101170
126	10101171	10101171	10101171	10101171	10101171	10101171	10101171	10101171	10101171
127	10101172	10101172	10101172	10101172	10101172	10101172	10101172	10101172	10101172
128	10101173	10101173	10101173	10101173	10101173	10101173	10101173	10101173	10101173
129	10101174	10101174	10101174	10101174	10101174	10101174	10101174	10101174	10101174
130	10101175	10101175	10101175	10101175	10101175	10101175	10101175	10101175	10101175

### DCS Employees

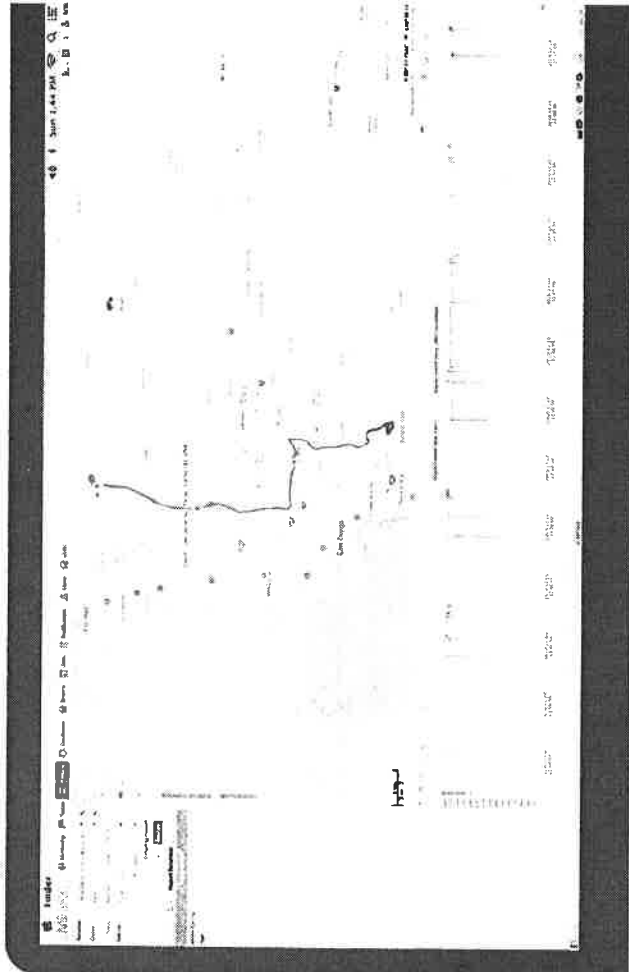
#### STATISTICS

ID	Grouping	Assignment	Initial location	End	Direction	Distance	Estimated	Estimated	Estimated
131	10101176	10101176	10101176	10101176	10101176	10101176	10101176	10101176	10101176
132	10101177	10101177	10101177	10101177	10101177	10101177	10101177	10101177	10101177
133	10101178	10101178	10101178	10101178	10101178	10101178	10101178	10101178	10101178
134	10101179	10101179	10101179	10101179	10101179	10101179	10101179	10101179	10101179
135	10101180	10101180	10101180	10101180	10101180	10101180	10101180	10101180	10101180
136	10101181	10101181	10101181	10101181	10101181	10101181	10101181	10101181	10101181
137	10101182	10101182	10101182	10101182	10101182	10101182	10101182	10101182	10101182
138	10101183	10101183	10101183	10101183	10101183	10101183	10101183	10101183	10101183
139	10101184	10101184	10101184	10101184	10101184	10101184	10101184	10101184	10101184
140	10101185	10101185	10101185	10101185	10101185	10101185	10101185	10101185	10101185

## USERS & REPORTS

User can create custom filters to limit events, receive retroactive reports, or get specific reports based on vehicles or groups of vehicles.

MiFleet allows the user to create all their own personalized reporting templates that they can use on the fly.





# MF3640 Telematics Device

- The MF3640 is our flagship offering which has the features, expandability, and flexibility with the intelligence to meet our customer's ever-changing needs in fleet management. The MF3640 offers a full set of features, comprehensive I/O system and expandable accessories that make it an industry leading value proposition for vehicle telematics and connectivity. The onboard Light & Heavy-Duty ECU interface and paired with a plug'n play vehicle connector.

## **Certifications:**

FCC, CE, IC, PTCRB, RoHS

## **Operational Summary:**

Reporting Frequency: 30 Seconds

Installation Time: <10 Minutes

## **Network Connectivity:**

Variant I: CAT-1 (AT&T, TMO)

Bands: 2,4,5,12

Variant II: CAT-1 (Verizon)

Bands: 4,13

**Harness Types For MF3640**

5C734M-2



Lite Duty vehicles

5C709M-2



Heavy Duty vehicles 9 Pin

5C909M-2



Heavy Duty vehicles 9 Pin

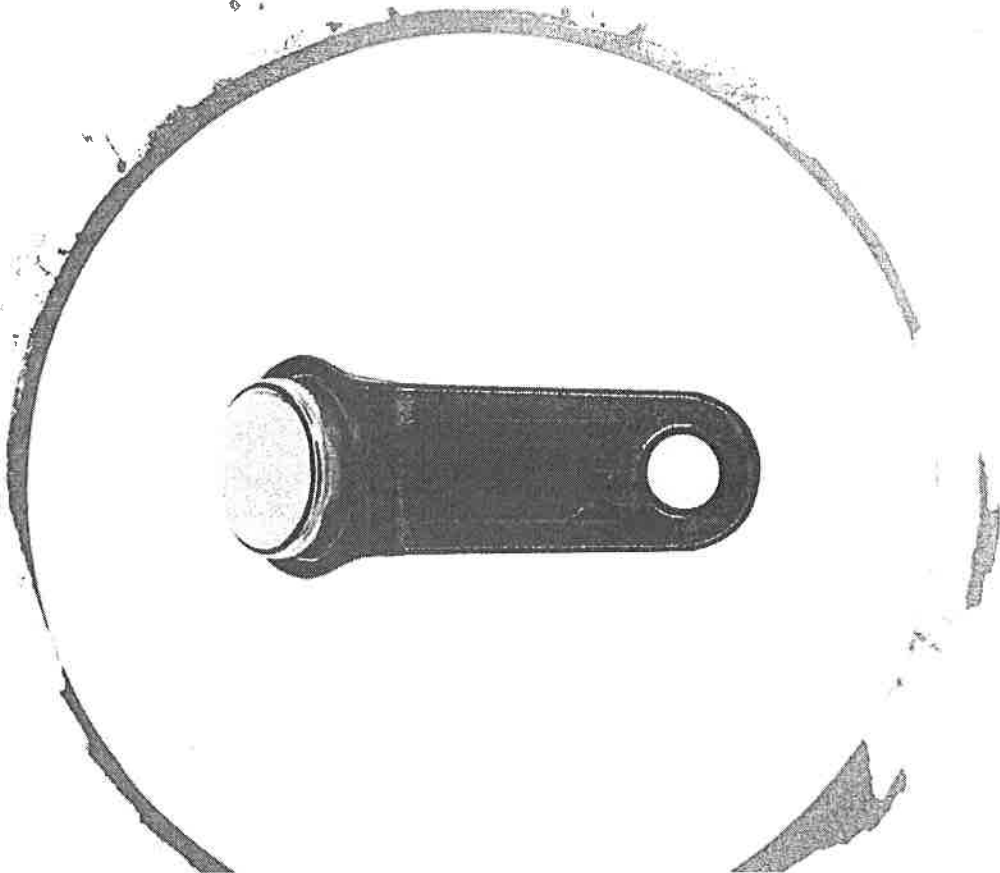
5C970M-2



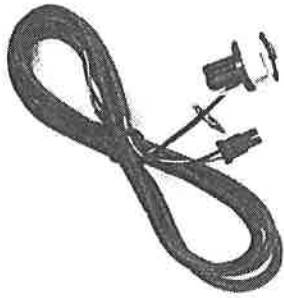
Heavy Duty vehicles 6 Pin

## iButton Key Fob

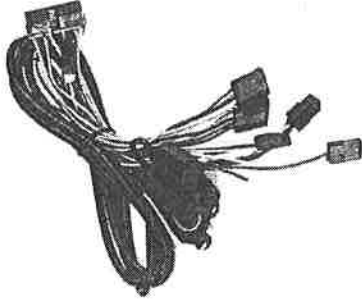
- The iButton Key Fob enables you to verify driver's identification. Identify drivers assigned to vehicles, prevent vehicle usage without an approved Key Fob or track mileage of company vehicles between personal and business.



**iButton Reader and Cable Assembly**



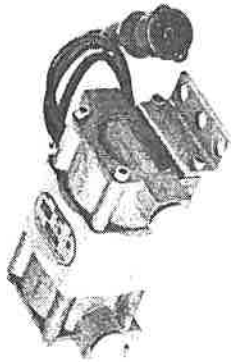
**iButton Reader Harness- 5C360**



The MiFleet Power Harness (5C260) offers 20-pin to 1-Bit Bus (2-pin), Switch/LED (4-pin), Buzzer (3-pin), Aux-1 5-pin Serial, Aux-2 5-pin Serial and 3-wire Power Harness with Fuse, 6'

## Fuel Flow Meter

DFM 500D CAN



### Description

Differential fuel flow meter.

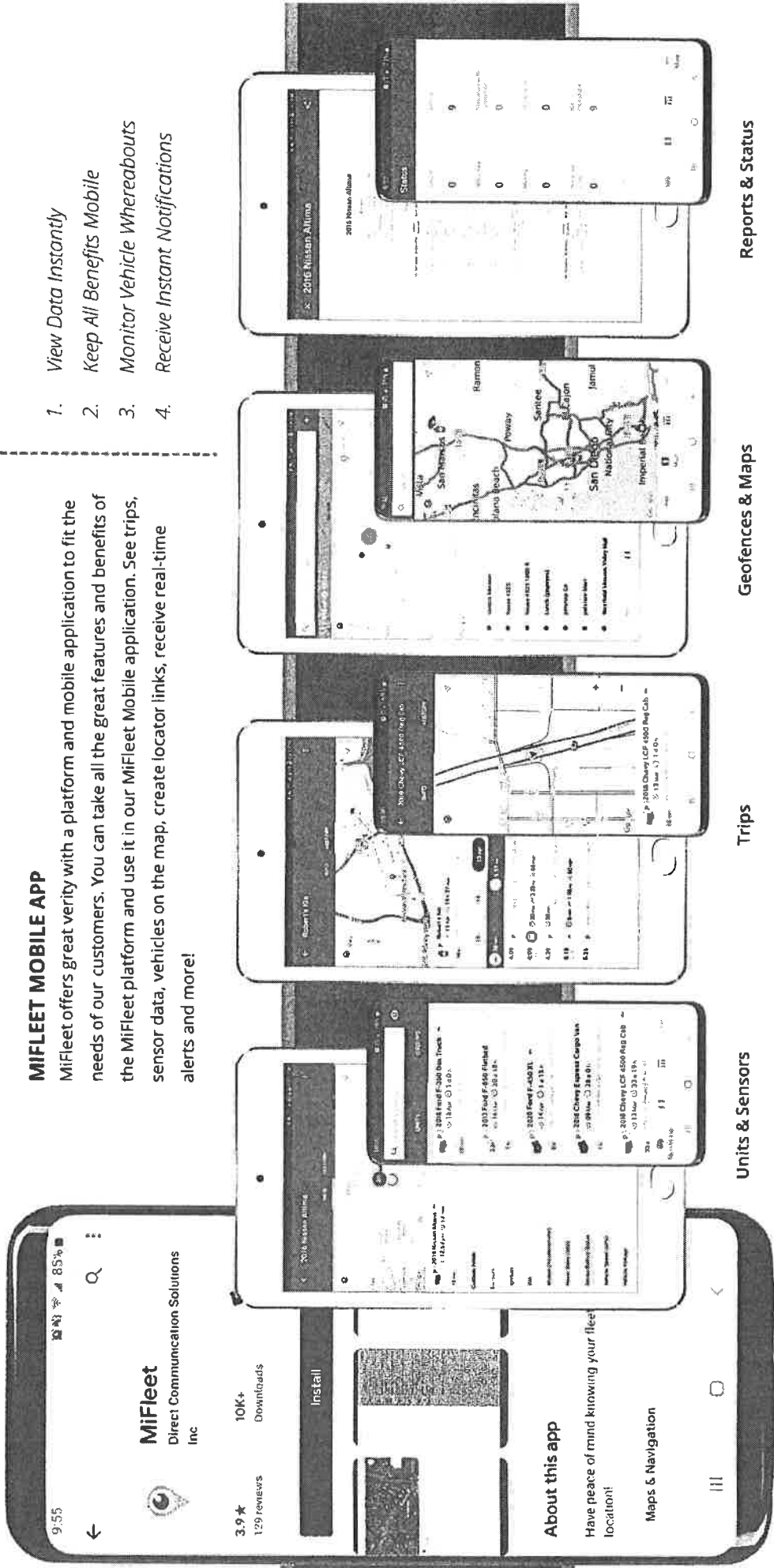
Type of wired output:  
CAN – CAN 2.0B interface

Expedition time: 7 business days

Two-chamber (differential) flow meter for fuel consumption measurement and engine operation time tracking.

Flow rate per chamber: 100-500 L/h

Output signal: CAN j1939/S6



**MIFLEET MOBILE APP**

MiFleet offers great verity with a platform and mobile application to fit the needs of our customers. You can take all the great features and benefits of the MiFleet platform and use it in our MiFleet Mobile application. See trips, sensor data, vehicles on the map, create locator links, receive real-time alerts and more!

1. View Data Instantly
2. Keep All Benefits Mobile
3. Monitor Vehicle Whereabouts
4. Receive Instant Notifications

Reports & Status

Geofences & Maps

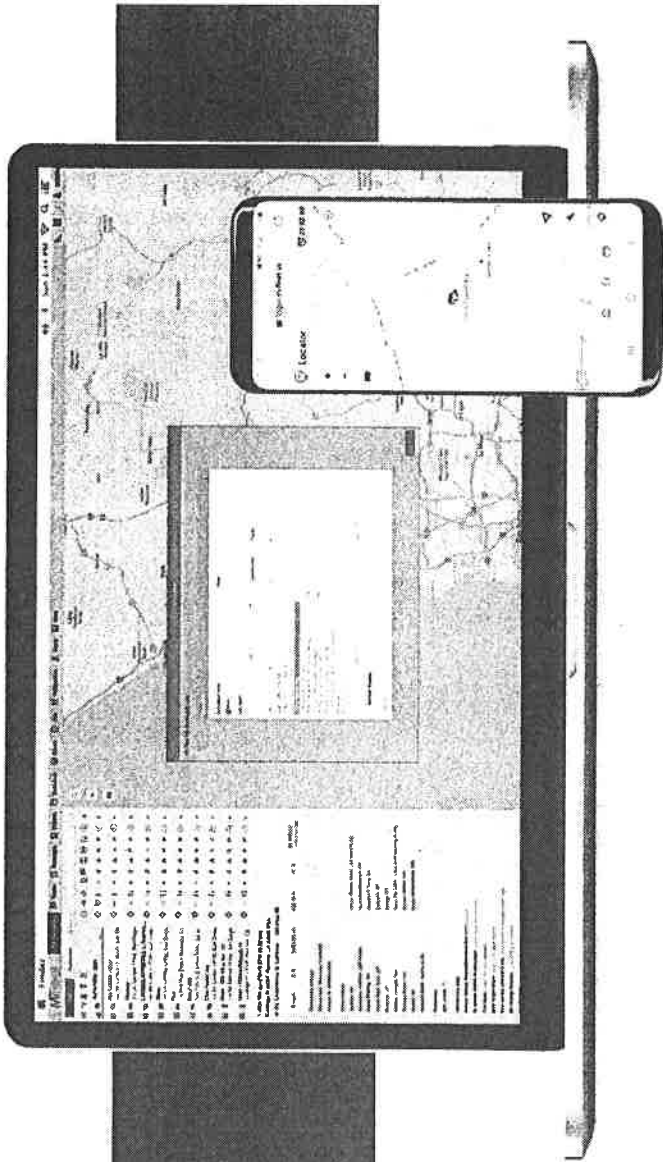
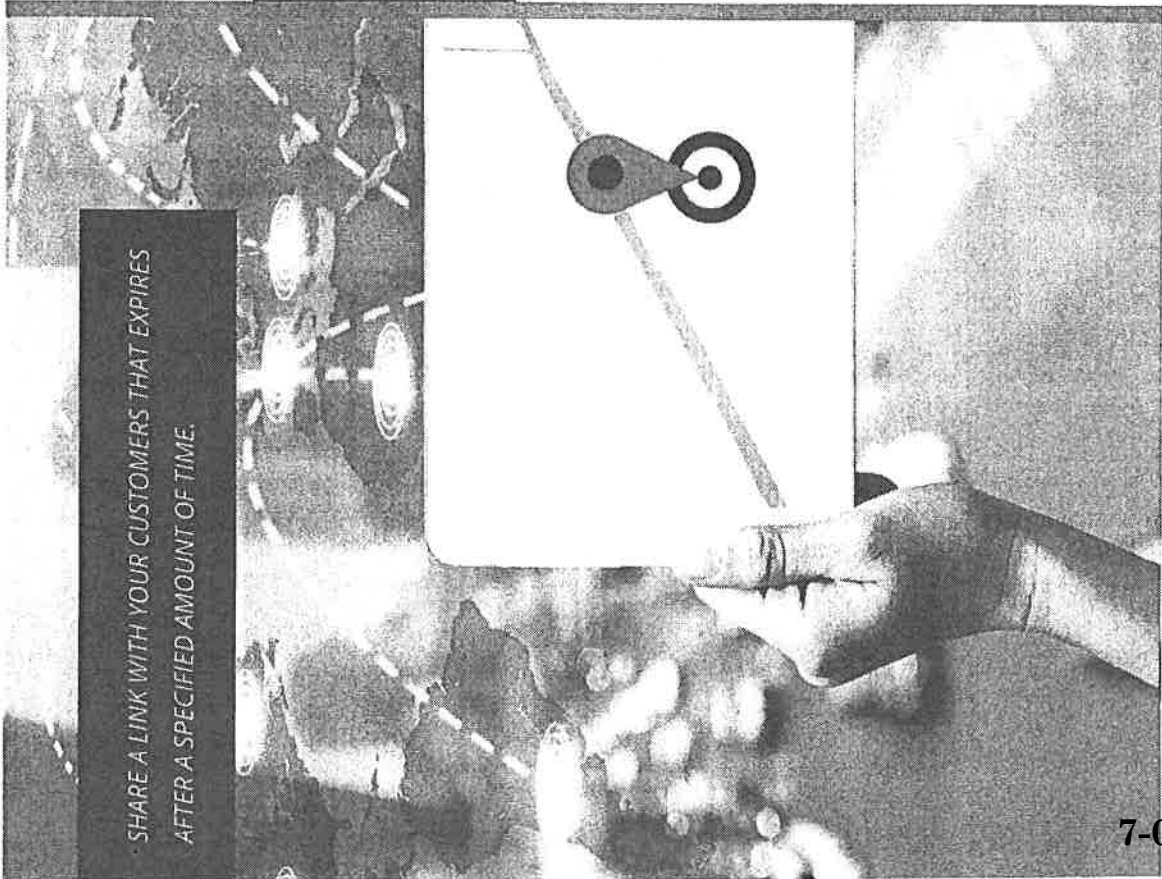
Trips

Units & Sensors

MiFleet  
Mobile

For more information please visit [www.mifleet.us/mifleet-mobile/](http://www.mifleet.us/mifleet-mobile/)





### LOCATION SHARING

With MiFleet, you can share an activated link to your customers to show a drivers location in real-time for a specified amount of time. This tool makes customer service easy and provides instant reassurance to your customers.

**Customer Service:** This feature is a great tool to provide ultimate customer service as to when your driver will arrive.  
**expires:** Fleet managers can set shared link to expire after a certain amount of time.





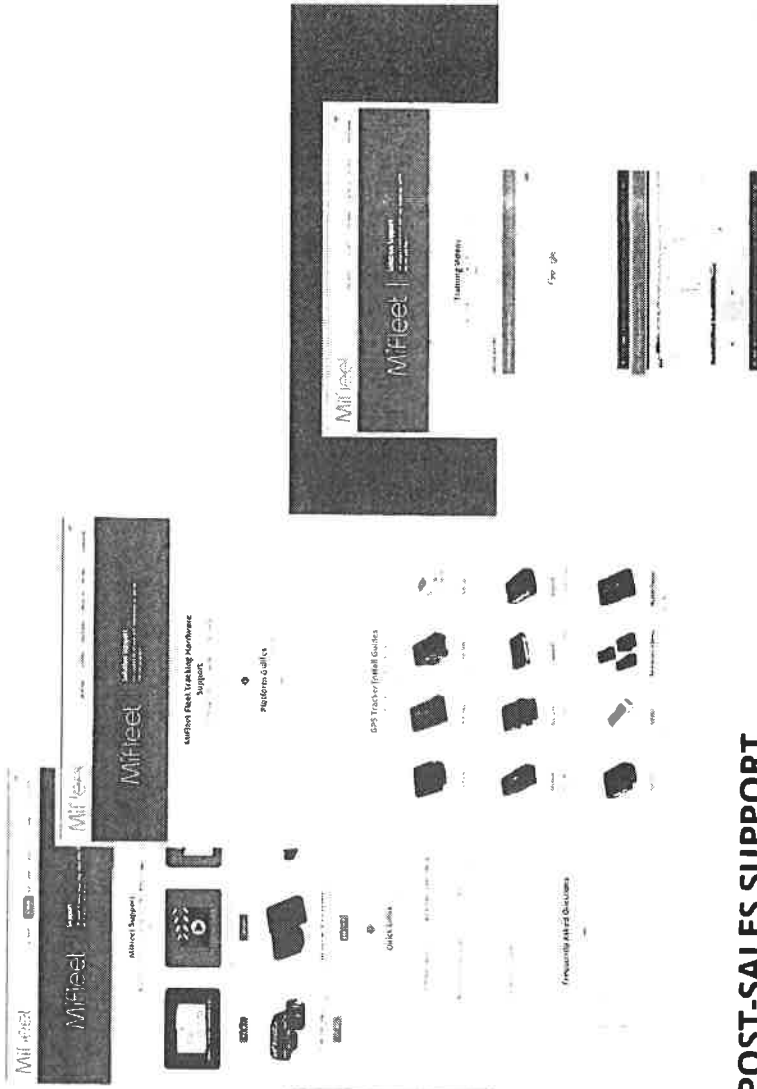
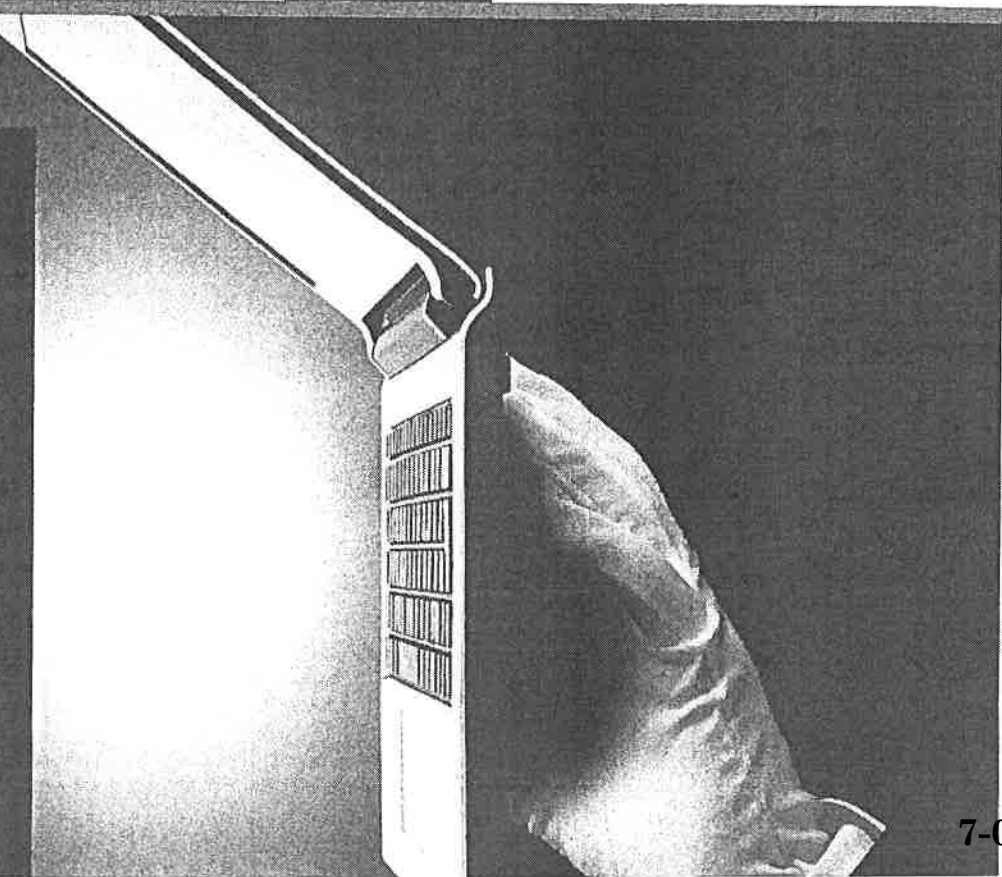
### MIFLEET DASHBOARD

The Dashboard provides a great visual experience to help you coach your drivers and their behavior behind the wheel. You can provide incentives based on good driving behavior that is established through real long-term data collecting. By collecting data your fleet managers can make better business decisions through cutting costs and maximizing profits for years to come.

- Analyze Data
- Review Expenses
- Understand Performance
- Retain More Revenue

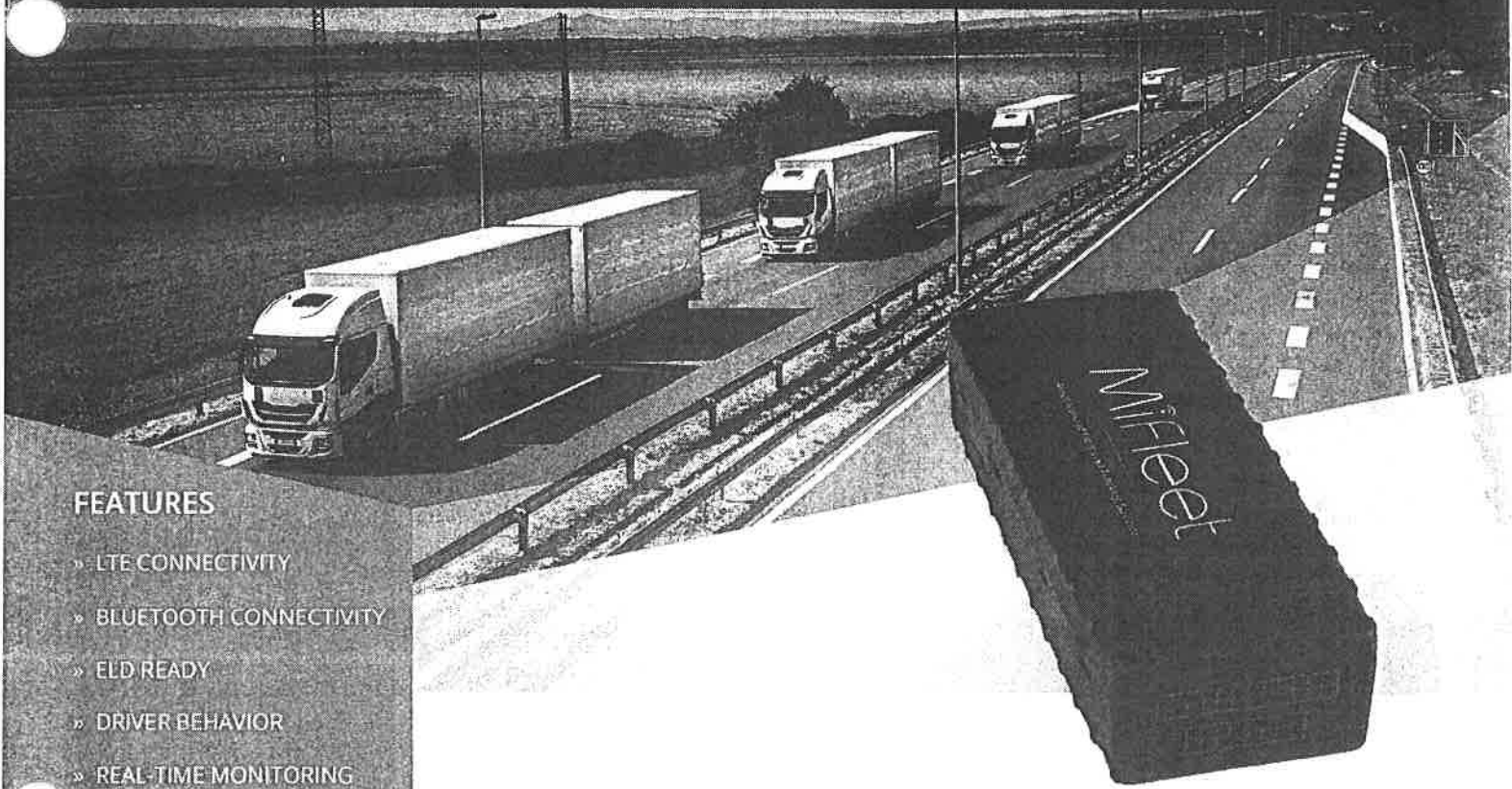
# MIFLEET WHITE GLOVE SUPPORT

MIFLEET PROVIDES THE ULTIMATE WHITE GLOVE EXPERIENCE.



## POST-SALES SUPPORT

1. Out of the box call when devices are installed. (Five days)
2. Follow up call to make sure all reports are being utilized. (One month)
3. Follow up touchpoints throughout the next 12 months and beyond to check in and see if they require additional devices. (3,6,9,12 months)



## FEATURES

- » LTE CONNECTIVITY
- » BLUETOOTH CONNECTIVITY
- » ELD READY
- » DRIVER BEHAVIOR
- » REAL-TIME MONITORING
- » ALERTS/NOTIFICATIONS
- » EXPANDABLE

## BENEFITS:

- Vehicle Location Management
- Lower Fuel Cost
- Improve Driver Safety
- Save Time
- Reduce Labor Cost

## NETWORK CONNECTIVITY:

Variant I: CAT-1 (AT&T, TMO)  
 Bands: 2,4,5,12

Variant II: CAT-1 (Verizon)  
 Bands: 4,13

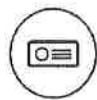
## CERTIFICATIONS:

FCC, CE, IC, PTCRB, RoHS

## OPERATIONAL SUMMARY:

Reporting Frequency: 30 Seconds  
 Installation Time: <10 Minutes

The MF3640 is our flagship offering which has the features, expandability, and flexibility with the intelligence to meet our customer's ever-changing needs in fleet management. The MF3640 offers a full set of features, comprehensive I/O system and expandable accessories that make it an industry leading value proposition for vehicle telematics and connectivity. The on-board Light & Heavy Duty ECU interface and paired with a plug'n play vehicle connector cables makes this the ideal device for our Electronic Driver Log solution.



### ELD Ready

BlueTooth enabled for seamless ELD Connectivity.



### Equipment Usage

Monitor vehicle location and usage behaviors.



### Expandable

Provides a series of feature rich add-on possibilities.



Mifleet

*Thank you.*

**GPA-024-21**  
**Fleet and Fuel Management Software**  
**Services for the Authority's Fleet**

**Amendments**





# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÁHAN  
P.O.BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

January 13, 2021

**AMENDMENT NO.: I**

**TO**

**INVITATION FOR BID NO.: GPA-024-21**

**FOR**

**FLEET AND FUEL MANAGEMENT SOFTWARE SERVICES FOR  
THE AUTHORITY'S FLEET**

Prospective Bidders are hereby notified of the following changes and response to an inquiry received from Bidder No. 1 dated January 11, 2021:

**CHANGES -**

1. **REMOVE** Page 3 of 23 and **REPLACE** with Page 3a of 23.  
REQUIRED DELIVERY DATE is changed **FROM** February 01, 2021 to **NOW** read March 01, 2021.
2. **REMOVE** Page 4 of 23 and **REPLACE** with Page 4a of 23.  
Commencement date is changed **FROM** February 01, 2021 to **NOW** read March 01, 2021.

**RESPONSE -**

**QUESTION:**

1. Since Guam Power Authority is now leasing the device, may I know how would you like to procure the Driver Identification Key (Dallas Key) should your driver need new key or replacement key?

**ANSWER:**

The replacement of any lost or damaged "Driver Identification Key "(Dallas Key) shall be of at the expense of the assigned employee.

**QUESTION:**

2. Warranty for fleet management should be a minimum of one (1) year from installation date, after the device warranty period and in case the device got damage, how will the GPA purchase the device replacement?

**ANSWER:**

**REMOVE** Page 4 of 23 and **REPLACE** with Page 4a of 23.

Warranty for the fleet management devices shall be for the entirety of the contract to include all and any option years exercised.

**QUESTION:**

3. Are we allowed to insert device/component prices, fees and charges in our bid?

**ANSWER:**

Yes.

**QUESTION:**

4. Must the potential Vendor provide ALL of the scope of products and services?

**ANSWER:**

Yes.

All other Terms and Conditions in the bid package shall remain unchanged and in full force.

  
for JOHN M. BENAVENTE, P.E.  
General Manager

PTI Pacific Inc dba IT&E  
Auriana Camacho AC.  
1/28/2021



### INVITATION FOR BID

**ISSUING OFFICE:**  
Guam Power Authority  
1<sup>st</sup>. Floor, Room 101  
Procurement Management Materials Supply  
Gloria B. Nelson Public Service Building  
688 Route 15, Mangilao, Guam 96913

  
1/14/2021  
**JOHN M. BENAVENTE, P.E. DATE**  
*John M. Benavente* General Manager

DATE ISSUED: 01/07/2021  
01/14/2021 BID INVITATION NO.: GPA-024-21  
BID FOR: Fleet and Fuel Management Software  
SPECIFICATION: See Attached  
DESTINATION: See Attached

**\*\*REQUIRED DELIVERY DATE: March 01, 2021**

**INSTRUCTIONS TO BIDDERS:**

INDICATE WHETHER:  INDIVIDUAL  PARTNERSHIP  CORPORATION

INCORPORATED IN: \_\_\_\_\_

This bid shall be submitted in duplicate and sealed to the issuing office above no later than (Time) 11:00 A.M.  
Date: January 21, 2021 and shall be publicly opened. Bid submitted after the time and date specified above shall be rejected. See attached General Terms and Conditions and Sealed Bid Solicitation for details.

The undersigned offers and agrees to furnish within the time specified, the articles and services at the price stated opposite the respective items listed on the schedule provided, unless otherwise specified by the bidder. In consideration to the expense of the Government in opening, tabulating, and evaluating this and other bids, and other considerations, the undersigned agrees that this bid remain firm and irrevocable within one hundred twenty (120) calendar days from the date opening to supply any or all of the items which prices are quoted.

NAME AND ADDRESS OF BIDDER: \_\_\_\_\_ SIGNATURE AND TITLE OF PERSON  
\_\_\_\_\_ AUTHORIZED TO SIGN THIS BID:  
\_\_\_\_\_  
\_\_\_\_\_

AWARD: CONTRACT NO.: \_\_\_\_\_ AMOUNT: \_\_\_\_\_ DATE: \_\_\_\_\_

ITEM NO(S). AWARDED: \_\_\_\_\_

CONTRACTING OFFICER:

JOHN M. BENAVENTE, P.E. DATE  
General Manager

NAME AND ADDRESS OF CONTRACTOR: \_\_\_\_\_ SIGNATURE AND TITLE OF PERSON  
\_\_\_\_\_  
\_\_\_\_\_



INVITATION FOR BID NO.: GPA-024-21  
Requisition No.: 34708

NO.	DESCRIPTION	QTY.	U/I	MONTHLY:	ANNUALLY:
**1.0	To provide the Guam Power Authority, Transportation Division with Fleet and Fuel Management Services for 200 vehicles to include web- based software, technical assistance, devices, installation, replacement and/or removal of devices for the Authority's fleet. Commencement shall be March 01, 2021 and expires September 30, 2021 or upon exhaustion of funds, whichever occurs first.	LOT		\$ _____	\$ _____

**A. GENERAL INFORMATION:**

**COMPLY / NON-COMPLIANCE:**

A.1 - The Guam Power Authority is soliciting bids from qualified firms for the leasing of Web-based software for a fleet management and fuel tracking application, to include technical assistance, fleet management devices, installation, replacement and/or removal of devices. The successful bidder shall demonstrate the capability of supplying a quality and user friendly software application and to provide reliable technical assistance and services to meet the Authority's needs. Bidder shall provide a complete package to the Guam Power Authority.

A.2 - Contract shall include technical assistance as outlined below; available from 8am to 5pm Monday thru Friday excluding observed Government of Guam Holidays.

**B. FLEET MANAGEMENT DEVICES:**

**COMPLY / NON-COMPLIANCE:**

B.1 - All fleet management devices and/or replacement devices shall be leased to the Authority at a fixed rate for the duration of the contract to include any and all option years exercised.

\*\*B.2 - Warranty for the fleet management devices shall be for the entirety of the contract to include all and any option years exercised.

B.3 - All Fleet Management device installations, removals and/or replacements shall be scheduled and approved; prior to commencement of work by the Authority's Fleet Support Service Manager.


B.4 - An initial installation of 180 devices into vehicles designated by the Authority's Fleet Support Services Manager shall commence on or about March 01, 2021 and shall be completed May 01, 2021. All extension request for initial installation, must be approved by the Authority's Fleet Support Service Manager.

B.5 - The remaining 20 devices shall be installed in designated Authority vehicles and/or equipment upon the request of the Authority's Fleet Support Service Manager.

B.6 - Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.


**SPECIFICATION GENERATED/REVIEWED BY:**

**SPECIFICATION CONCURRED BY:**

  
Pedro E. Sanchez Date  
Management Analyst III

  
JIMMY D. PANGELINAN Date  
Fleet Support Service Manager

**SPECIFICATION APPROVED BY:**

  
MELINDA C. MAFNAS, P.E. Date  
Assistant General Manager of Operations



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÅHAN  
P.O.BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

January 20, 2021

**AMENDMENT NO.: II**

**TO**

**INVITATION FOR BID NO.: GPA-024-21**

**FOR**

**FLEET AND FUEL MANAGEMENT SOFTWARE SERVICES FOR  
THE AUTHORITY'S FLEET**

Prospective Bidders are hereby notified of the following response to an inquiry received from Bidder No. 2:

**QUESTION:**

1. As we work with our vendor in creating a complete solution for GPA-024-21, IT&E would like to ask for an extension.

**ANSWER:**

Bid Opening date is changed **FROM** 11:00 A.M., Thursday, January 21, 2021 **TO NOW READ** 9:00 A.M., Thursday, January 28, 2021.

**QUESTION:**

2. Are your current devices property of GTA?

**ANSWER:**

No.

**QUESTION:**

3. Will the install take place at GPA, or can it be done at our installers shop?

**ANSWER:**

Installation can be scheduled at either location and/or a combination of both.

**QUESTION:**

4. How many drivers need Key Fobs?

**ANSWER:**

A total of 500 key fobs is required.

**QUESTION:**

5. Regarding C1-17, does GPA currently use this service?

**ANSWER:**

Yes.

**QUESTION:**

6. Regarding C1-1, what is the use case?

**ANSWER:**

Please see specifications provided under C1-3 thru C1-17.

**QUESTION:**

7. What are the current vehicles make and model?

**ANSWER:**

Please see attachment.

**QUESTION:**

8. How many fuel pumps does GPA currently have?

**ANSWER:**

None. However, the Guam Power Authority has a service truck for fuel dispensing.

**QUESTION:**

9. IT&E would like to request for onsite visit of the vehicles & fuel pump set up.

**ANSWER:**

A site inspection is scheduled for 8:30 A.M., Friday, January 22, 2021. Interested parties must meet our GPA Procurement Office, 1<sup>st</sup>. Floor, Room 101, Gloria B. Nelson Public Service Building, 688 Route 15, Mangilao.

To ensure the safety and well-being of personnel and prospective bidders, please be advised of the following:



1. Six (6) Feet of Social Distancing shall be practiced.
2. Mandatory face mask required for each individual.
3. Temperature checks shall be conducted upon entrance of the Gloria B. Nelson Public Service Building.
4. One (1) Personnel per Prospective Bidder to attend the site inspection.

**NOTE:**

Deadline for inquiries shall be close of business, Friday, January 22, 2021.

All other Terms and Conditions in the bid package shall remain unchanged and in full force.

  
for JOHN M. BENAVENTE, P.E.

 General Manager 

Official Equipment ID	Equipment ID	Official Description	Category	Year	VIN Number	Engine Type	Transmission Type	Fuel Type
5998	2883791	Backhoe(Caterpillar)	T&D-Operators	2011	KNDPB3A20C7347348	4-cylinder	Automatic	Diesel
5998	2945198	Backhoe(Net Holland)	T&D-Operators	2017	FNH085BNHH01627	4-cylinder	Automatic	Diesel
7037	2971687	Bucket Truck(4x4 Freightliner 55ft)	T&D-Trouble Shooters	2020	1FVDCY03LHLV6463	6-cylinder	Automatic	Diesel
7018	2971695	Bucket Truck(4x4 Freightliner 55ft)	T&D-Trouble Shooters	2020	1FVDCY01LHLV6464	6-cylinder	Automatic	Diesel
7019	2971679	Bucket Truck(4x4 Freightliner 55ft)	T&D-Trouble Shooters	2020	1FVDCY01LHLV6462	6-cylinder	Automatic	Diesel
5181	2935838	Bucket Truck(Altec 65ft)	T&D-Underground	2017	1NKHHZ8X0HR155880	6-cylinder	Automatic	Diesel
5394	2935846	Bucket Truck(Altec 65ft)	T&D-Overhead Line	2017	1NKHHZ8X0HR155879	6-cylinder	Automatic	Diesel
7011	2972784	Bucket Truck(Freightliner 120ft)	Transportation	2020	1FVACV01H4H04627	6-cylinder	Automatic	Diesel
4980	2933533	Bucket Truck(Freightliner 55ft)	T&D-Overhead Line	2017	1FVACV01H4H04629	6-cylinder	Automatic	Diesel
4981	2933517	Bucket Truck(Freightliner 55ft)	T&D-Overhead Line	2017	1FVACV01H4H04628	6-cylinder	Automatic	Diesel
4982	2933525	Bucket Truck(Freightliner 55ft)	T&D-Overhead Line	2017	1FVACV01H4H04627	6-cylinder	Automatic	Diesel
6564	2956831	Bucket Truck(Freightliner 55ft)	T&D-Trouble Shooters	2019	1FVACV01H4H04628	6-cylinder	Automatic	Diesel
6725	2956823	Bucket Truck(Freightliner 55ft)	T&D-Trouble Shooters	2019	1FVACV01H4H04627	6-cylinder	Automatic	Diesel
6726	2956815	Bucket Truck(Freightliner 55ft)	T&D-Trouble Shooters	2019	1FVACV01H4H04628	6-cylinder	Automatic	Diesel
55	2712394	Bucket Truck(Freightliner)	T&D-Overhead Line	2019	1FVACV01H4H04627	6-cylinder	Automatic	Diesel
4587	2712482	Bucket Truck(Freightliner)	T&D-Overhead Line	2007	1FVACV01H4H04628	6-cylinder	Automatic	Diesel
4739	2748223	Bucket Truck(Freightliner)	T&D-Underground	2007	1FVACV01H4H04627	6-cylinder	Automatic	Diesel
5525	2793155	Bucket Truck(Freightliner)	T&D-Trouble Shooters	2008	1FVACV01H4H04628	6-cylinder	Automatic	Diesel
4505	2711885	Bucket Truck(GMC)	T&D-Overhead Line	2009	1FVACV01H4H04627	6-cylinder	Automatic	Diesel
4506	2711877	Bucket Truck(GMC)	T&D-Overhead Line	2006	1G0E5C3286F430303	8-cylinder	Automatic	Diesel
6922	2711869	Bucket Truck(GMC)	T&D-Overhead Line	2006	1G0E5C3286F430869	8-cylinder	Automatic	Diesel
5527	2788049	Bucket Truck(International)	T&D-Substation	2006	1G0E5C3286F430203	8-cylinder	Automatic	Diesel
5528	2788031	Bucket Truck(International)	T&D-Substation	2009	3HAMMAAL59L146989	8-cylinder	Automatic	Diesel
5184	2891513	Bucket Truck(International)	T&D-Trouble Shooters	2009	3HAMMAAL19L146990	8-cylinder	Automatic	Diesel
5185	2891610	Bucket Truck(International)	T&D-Trouble Shooters	2014	3HAMMAANBE1363691	8-cylinder	Automatic	Diesel
3015	203625	Bucket Truck(Kenworth)	T&D-Underground	2014	3HAMMAANXEL363692	8-cylinder	Automatic	Diesel
4879	2855729	Cargo Van(Ford E150)	T&D-Substation	1998	3BK0H7K5KFR28279	8-cylinder	Automatic	Diesel
5546	2865737	Cargo Van(Ford E150)	PSCC	2011	1FTNE1EW3BDAS4976	8-cylinder	Automatic	Gas
5547	2868516	Cargo Van(Ford E150)	T&D-Meter Shop	2011	1FTNE1EW3BDAS4977	8-cylinder	Automatic	Gas
5588	2865753	Cargo Van(Ford E150)	Facilities	2011	1FTNE1EW3BDAS4978	8-cylinder	Automatic	Gas
6093	2883118	Cargo Van(Ford E150)	PSCC	2011	1FTNE1EW9CDA94547	8-cylinder	Automatic	Gas
4453	2708571	Cargo Van(Ford E350)	T&D-Relay Shop	2012	1FTS33416DA093210	8-cylinder	Automatic	Gas
4454	2708580	Cargo Van(Ford E350)	T&D-Relay Shop	2006	1FTS33416DA093211	8-cylinder	Automatic	Gas
6387	2945593	Cargo Van(Ford Transit 150)	Generation-Water Wells System	2006	1FTE1YM9HKA59002	8-cylinder	Automatic	Gas
6398	2945606	Cargo Van(Ford Transit 150)	Generation-Water Wells System	2017	1FTE1YM9HKA59001	8-cylinder	Automatic	Gas
4979	2933541	Crane(35ton Grove)	T&D-Operators	2016	293102	8-cylinder	Automatic	Diesel
6963	2970633	Crane(40ton Manitex 1370)	T&D-Operators	2020	1NKHLZX9LR10161	8-cylinder	Automatic	Diesel
6130	2875505	Crane(Freightliner)	T&D-Operators	2020	1FVHC7B568HBB4924	8-cylinder	Standard	Diesel
6150	2880259	Derrick Truck(Freightliner)	T&D-Operators	2011	1FVACV01H4H04629	8-cylinder	Standard	Diesel
6951	2963927	Derrick Truck(Freightliner)	T&D-Operators	2012	3ALACTYDJKK9V9719	8-cylinder	Standard	Diesel
6887	2964085	Digger(Freightliner M2112)	T&D-Operators	2019	1FVHC5V2KHWA231	8-cylinder	Automatic	Diesel
6916	2966061	Digger(Freightliner M2112)	T&D-Operators	2019	1FVHC5V2KHWA232	8-cylinder	Automatic	Diesel
5518	2792110	Digger(International)	T&D-Operators	2001	1HTSAD0T1H393466	8-cylinder	Automatic	Diesel
5380	2934464	Dump Truck(Freightliner)	T&D-Operators	2001	1FVACXD0J3HH04764	8-cylinder	Automatic	Diesel
6550	2963201	Dump Truck(Freightliner)	T&D-Operators	2017	1FVACXD0J3HH04764	8-cylinder	Automatic	Diesel
6551	2963198	Dump Truck(Freightliner)	T&D-Operators	2018	1FVACXD0J3HH04764	8-cylinder	Automatic	Diesel
4947	2941736	Electric Car(Nissan Leaf)	SPOHD	2017	1FVACXD0J3HH04764	Electric	Automatic	Electricity
4948	2941744	Electric Car(Nissan Leaf)	SPOHD	2017	1N48Z0CP4HC307374	Electric	Automatic	Electricity

6927	2965480	ElectricCar(Nissan Leaf)	SPORD	Light/Medium Vehicle	GOOD	2019	1NA4Z1CPX1C312342	Automatic	Electric
4737	161306	Flatbed (Sterling)	T&D-Overhead Line	Heavy Equipment	GOOD	1998	2F2NDJBB0XN95903	Standard	Electric
3137	2519607	Flatbed Truck (Kenworth)	T&D-Substation	Heavy Equipment	GOOD	1999	1NK0L09X4YR838670	Automatic	Diesel
4577	2713119	Flatbed (International)	T&D-Overhead Line	Heavy Equipment	GOOD	2006	1HTMKAAN07H395047	Automatic	Diesel
6180	2883142	Mini Van(Kia)	Computer Services	Light/Medium Vehicle	GOOD	2012	KNDM54C73C502211	Automatic	Gas
4150	2679651	Pickup(Ford F150)	Facilities	Light/Medium Vehicle	GOOD	2005	1FTVF12535NA12883	Automatic	Gas
4154	2679694	Pickup(Ford F150)	Generation-C.T. Dedeido	Light/Medium Vehicle	GOOD	2005	1FTVF12545NA12888	Automatic	Gas
4155	2679715	Pickup(Ford F150)	T&D-Meter Shop	Light/Medium Vehicle	GOOD	2005	1FTVF12545NA12888	Automatic	Gas
4161	2679774	Pickup(Ford F150)	T&D-Overhead Line	Light/Medium Vehicle	GOOD	2005	1FTVF12585NA12877	Automatic	Gas
5985	2883572	Pickup(Ford F150)	T&D-Substation	Light/Medium Vehicle	GOOD	2012	1FTEX1CM6CKD41092	Automatic	Gas
5986	2883581	Pickup(Ford F150)	T&D-Underground	Light/Medium Vehicle	GOOD	2012	1FTEX1CM6CKD41093	Automatic	Gas
5987	2883599	Pickup(Ford F150)	T&D-Overhead Line	Light/Medium Vehicle	GOOD	2012	1FTEX1CM6CKD41094	Automatic	Gas
5990	2883601	Pickup(Ford F150)	PSCC	Light/Medium Vehicle	GOOD	2012	1FTEX1CM1C0D1096	Automatic	Gas
5991	2883610	Pickup(Ford F150)	Generation-Central Maintenance	Light/Medium Vehicle	GOOD	2012	1FTEX1CM5CKD41098	Automatic	Gas
4290	2682826	Pickup(Ford Ranger 4x2)	Internal Auditor	Light/Medium Vehicle	GOOD	2012	1FTR10D35PA58191	Standard	Gas
4291	2682826	Pickup(Ford Ranger 4x2)	Engineering	Light/Medium Vehicle	GOOD	2005	1FTR10D45PA58189	Standard	Gas
4292	2682885	Pickup(Ford Ranger 4x2)	Planning & Regulatory	Light/Medium Vehicle	GOOD	2005	1FTR10D35PA58188	Standard	Gas
4293	2682818	Pickup(Ford Ranger 4x2)	Engineering	Light/Medium Vehicle	GOOD	2005	1FTR10D35PA58191	Standard	Gas
4295	2682877	Pickup(Ford Ranger 4x2)	Planning & Regulatory	Light/Medium Vehicle	GOOD	2005	1FTR10D45PA58192	Standard	Gas
4297	2682990	Pickup(Ford Ranger 4x2)	Engineering	Light/Medium Vehicle	GOOD	2005	1FTR10D65PA62261	Standard	Gas
4873	2863854	Pickup(Ford Ranger 4x2)	Generation-Central Maintenance	Light/Medium Vehicle	GOOD	2005	1FTR10D65PA62261	Standard	Gas
5017	2870190	Pickup(Ford Ranger 4x2)	T&D-Relay Shop	Light/Medium Vehicle	GOOD	2011	1FTR10D98PA16459	Standard	Gas
5018	2870327	Pickup(Ford Ranger 4x2)	Generation-Water Wells System	Light/Medium Vehicle	GOOD	2011	1FTR10D98PA16459	Standard	Gas
5019	2870245	Pickup(Ford Ranger 4x2)	Generation-Water Wells System	Light/Medium Vehicle	GOOD	2011	1FTR10D98PA16461	Standard	Gas
5043	2871619	Pickup(Ford Ranger 4x2)	Generation-Cabras 1&2	Light/Medium Vehicle	GOOD	2011	1FTR10D98PA16462	Standard	Gas
5044	2871627	Pickup(Ford Ranger 4x2)	T&D-Substation	Light/Medium Vehicle	GOOD	2011	1FTR10D98PA16462	Standard	Gas
5049	2871563	Pickup(Ford Ranger 4x2)	T&D-Meter Shop	Light/Medium Vehicle	GOOD	2011	1FTR10D98PA16462	Standard	Gas
5049	2871563	Pickup(Ford Ranger 4x2)	T&D-Substation	Light/Medium Vehicle	GOOD	2011	1FTR10D98PA16462	Standard	Gas
5567	2796639	Pickup(Ford Ranger 4x2)	Safety	Light/Medium Vehicle	GOOD	2009	1FTR10D98PA16462	Standard	Gas
5568	2796647	Pickup(Ford Ranger 4x2)	Safety	Light/Medium Vehicle	GOOD	2009	1FTR10D98PA16462	Standard	Gas
5570	2796655	Pickup(Ford Ranger 4x2)	PSCC	Light/Medium Vehicle	GOOD	2009	1FTR10D98PA16462	Standard	Gas
4933	2941349	Pickup(GMC Canyon 4x2)	T&D-Relay Shop	Light/Medium Vehicle	GOOD	2009	1FTG5CEA9H117930	Standard	Gas
4934	2941357	Pickup(GMC Canyon 4x2)	Facilities	Light/Medium Vehicle	GOOD	2017	1GTG5CEA9H117930	Standard	Gas
4935	2941365	Pickup(GMC Canyon 4x2)	Facilities	Light/Medium Vehicle	GOOD	2017	1GTG5CEA9H117930	Standard	Gas
4937	2941373	Pickup(GMC Canyon 4x2)	Facilities	Light/Medium Vehicle	GOOD	2017	1GTG5CEA9H117930	Standard	Gas
5759	2933779	Pickup(GMC Canyon 4x2)	T&D-Overhead Line	Light/Medium Vehicle	GOOD	2016	1GTG5CEA9H117930	Standard	Gas
5760	2933787	Pickup(GMC Canyon 4x2)	Engineering	Light/Medium Vehicle	GOOD	2016	1GTG5CEA9H117930	Standard	Gas
4922	2941269	Pickup(GMC Canyon 4x4)	Engineering	Light/Medium Vehicle	GOOD	2017	1GTG5CEA9H117930	Standard	Gas
4923	2941277	Pickup(GMC Canyon 4x4)	Facilities	Light/Medium Vehicle	GOOD	2017	1GTG5CEA9H117930	Standard	Gas
4924	2941251	Pickup(GMC Canyon 4x4)	T&D-Substation	Light/Medium Vehicle	GOOD	2016	1GTG5CEA9H117930	Standard	Gas
4925	2941285	Pickup(GMC Canyon 4x4)	Computer Services	Light/Medium Vehicle	GOOD	2016	1GTG5CEA9H117930	Standard	Gas
4926	2933736	Pickup(GMC Canyon 4x4)	T&D-Operators	Light/Medium Vehicle	GOOD	2017	1GTG5CEA9H117930	Standard	Gas
5756	2933744	Pickup(GMC Canyon 4x4)	T&D-Substation	Light/Medium Vehicle	GOOD	2017	1GTG5CEA9H117930	Standard	Gas
5757	2933752	Pickup(GMC Canyon 4x4)	T&D-Overhead Line	Light/Medium Vehicle	GOOD	2017	1GTG5CEA9H117930	Standard	Gas
5758	2933761	Pickup(GMC Canyon 4x4)	T&D-Overhead Line	Light/Medium Vehicle	GOOD	2017	1GTG5CEA9H117930	Standard	Gas
4449	2701812	Pickup(Nissan Frontier 4x4)	Safety	Light/Medium Vehicle	GOOD	2016	1N6AD09W46C404301	Standard	Gas
5369	2745305	Pickup(Nissan Frontier)	Transportation	Light/Medium Vehicle	GOOD	2006	1N6AD09W46C404301	Standard	Gas
6883	2969093	Pickup(Toyota Tacoma 4x4)	Generation-Central Maintenance	Light/Medium Vehicle	GOOD	2007	1N6AD09W46C404301	Standard	Gas
			T&D-Overhead Line	Light/Medium Vehicle	GOOD	2019	5TFD25BN6KX043314	Automatic	Gas

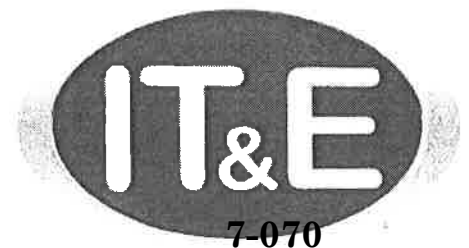
6684	2969106	Pickup(Toyota Tacoma 4x4)	Procurement	Light/Medium Vehicle	GOOD	2019	STFDZBNRKH041885	6cylinder	Automatic	Gas
6766	2958853	Pre-Runner DBL CAB (Toyota)	Generation-Administration	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK126769	4 Cylinder	Automatic	Gas
6767	2958837	Pre-Runner DBL CAB (Toyota)	Safety	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK125901	4 Cylinder	Automatic	Gas
6768	2958845	Pre-Runner DBL CAB (Toyota)	T&D-Substation	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK123983	4 Cylinder	Automatic	Gas
6769	2958802	Pre-Runner DBL CAB (Toyota)	T&D-Underground	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK123809	4 Cylinder	Automatic	Gas
6770	2958781	Pre-Runner DBL CAB (Toyota)	Generation-Water Wells System	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK122771	4 Cylinder	Automatic	Gas
6771	2958811	Pre-Runner DBL CAB (Toyota)	T&D-Administration	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK123126	4 Cylinder	Automatic	Gas
6772	2958773	Pre-Runner DBL CAB (Toyota)	T&D-Meter Shop	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK122510	4 Cylinder	Automatic	Gas
6773	2958730	Pre-Runner DBL CAB (Toyota)	Engineering	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK122673	4 Cylinder	Automatic	Gas
6774	2958829	Pre-Runner DBL CAB (Toyota)	Engineering	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK121666	4 Cylinder	Automatic	Gas
6775	2958861	Pre-Runner DBL CAB (Toyota)	Transportation	Light/Medium Vehicle	GOOD	2018	STFAXSGNJK125816	4 Cylinder	Automatic	Gas
6931	2969131	Pre-Runner DBL CAB (Toyota)	Facilities	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK155883	4cylinder	Automatic	Gas
6932	2969149	Pre-Runner DBL CAB (Toyota)	Generation-C.T. Phi 7	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK155834	4cylinder	Automatic	Gas
6933	2969157	Pre-Runner DBL CAB (Toyota)	T&D-Substation	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK155327	4cylinder	Automatic	Gas
6936	2969165	Pre-Runner DBL CAB (Toyota)	Generation-Tenjo Vista	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK155327	4cylinder	Automatic	Gas
6937	2969173	Pre-Runner DBL CAB (Toyota)	Engineering	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK158320	4cylinder	Automatic	Gas
6938	2969190	Pre-Runner DBL CAB (Toyota)	Engineering	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK160714	4cylinder	Automatic	Gas
6939	2969181	Pre-Runner DBL CAB (Toyota)	Generation-C.T. Dededo	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK160924	4cylinder	Automatic	Gas
6940	2969309	Pre-Runner DBL CAB (Toyota)	Safety	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK159135	4cylinder	Automatic	Gas
6944	2969317	Pre-Runner DBL CAB (Toyota)	T&D-Meter Shop	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK159764	4cylinder	Automatic	Gas
6945	2969325	Pre-Runner DBL CAB (Toyota)	Generation-Central Maintenance	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK161791	4cylinder	Automatic	Gas
6947	2969413	Pre-Runner DBL CAB (Toyota)	T&D-Substation	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK161497	4cylinder	Automatic	Gas
6948	2969421	Pre-Runner DBL CAB (Toyota)	T&D-Relay Shop	Light/Medium Vehicle	GOOD	2019	STFAXSGNJK161791	4cylinder	Automatic	Gas
4083	2675415	Sedan(Ford Focus)	Engineering	Light/Medium Vehicle	GOOD	2005	1FAFP34N75W128436	4cylinder	Automatic	Gas
4084	2675423	Sedan(Ford Focus)	Human Resources	Light/Medium Vehicle	GOOD	2005	1FAFP34N75W128433	4cylinder	Automatic	Gas
4663	2872777	Service Truck(kenworth)	Transportation	Heavy Equipment	GOOD	1992	1NK0L59X8N561116	4cylinder	Automatic	Diesel
4185	2682771	Step Van(Ford E450)	T&D-Substation	Light/Medium Vehicle	GOOD	2005	1FCLF49565HA38884	10cylinder	Automatic	Gas
4298	2682746	Step Van(Ford E450)	T&D-Substation	Light/Medium Vehicle	GOOD	2005	1FCLF49565HA38884	10cylinder	Automatic	Gas
4299	2682754	Step Van(Ford E450)	T&D-Underground	Light/Medium Vehicle	GOOD	2005	1FCLF49565HA38884	10cylinder	Automatic	Gas
4300	2682762	Step Van(Ford E450)	T&D-Underground	Light/Medium Vehicle	GOOD	2005	1FCLF49565HA38884	10cylinder	Automatic	Gas
4651	2817145	Step Van(Ford E450)	T&D-Relay Shop	Light/Medium Vehicle	GOOD	2010	1FC4E4KUXADA30487	10cylinder	Automatic	Gas
4946	2941832	SUV(GMC Acadia)	Accounting	Light/Medium Vehicle	GOOD	2017	1GKKNKLA6N2198061	4cylinder	Automatic	Gas
4949	2941841	SUV(GMC Acadia)	T&D-Administration	Light/Medium Vehicle	GOOD	2017	1GKKNKLA5H2199732	4cylinder	Automatic	Gas
4950	2941859	SUV(GMC Acadia)	Procurement-Administration	Light/Medium Vehicle	GOOD	2017	1GKKNKLA3H2198689	4cylinder	Automatic	Gas
5351	2941867	SUV(GMC Acadia)	T&D-Meter Shop	Light/Medium Vehicle	GOOD	2017	1GKKNKLA0H2199038	4cylinder	Automatic	Gas
5354	2941921	SUV(GMC Acadia)	Engineering	Light/Medium Vehicle	GOOD	2017	1GKKNKLA3H2192391	4cylinder	Automatic	Gas
5782	2941939	SUV(GMC Acadia)	Generation-Administration	Light/Medium Vehicle	GOOD	2017	1GKKNKLA1H201119	4cylinder	Automatic	Gas
4866	2868508	SUV(Hyundai Tucson)	PSC	Light/Medium Vehicle	GOOD	2011	KM8T3AC8BUJ269277	4cylinder	Automatic	Gas
4867	2868495	SUV(Hyundai Tucson)	T&D-Administration	Light/Medium Vehicle	GOOD	2011	KM8T3AC5BUJ79586	4cylinder	Automatic	Gas
4868	2868487	SUV(Hyundai Tucson)	Engineering	Light/Medium Vehicle	GOOD	2011	KM8T3AC1BUJ795980	4cylinder	Automatic	Gas
4869	2868479	SUV(Hyundai Tucson)	Engineering	Light/Medium Vehicle	GOOD	2011	KM8T3AC5BUJ795992	4cylinder	Automatic	Gas
6002	2883100	SUV(Kia)	Procurement	Light/Medium Vehicle	GOOD	2012	KNDP3A20C7347348	4cylinder	Automatic	Gas
6004	2883126	SUV(Kia)	Engineering-Administration	Light/Medium Vehicle	GOOD	2012	KNDP3A207374869	4cylinder	Automatic	Gas
6005	2883134	SUV(Kia)	Engineering	Light/Medium Vehicle	GOOD	2012	KNDP3A36C7346799	4cylinder	Automatic	Gas
6006	2883097	SUV(Kia)	Engineering	Light/Medium Vehicle	GOOD	2012	KNDP3A36C7346799	4cylinder	Automatic	Gas
4359	2699839	SUV(Nissan Xterra)	Planning & Regulatory	Light/Medium Vehicle	GOOD	2005	5N1ANG8W75C605505	4cylinder	Automatic	Gas
4445	2701775	SUV(Nissan Xterra)	Generation-C.T. Dededo	Light/Medium Vehicle	GOOD	2012	5N1ANG8W75C605505	4cylinder	Automatic	Gas
4447	2701791	SUV(Nissan Xterra)	Customer Service-Administration	Light/Medium Vehicle	GOOD	2006	5N1AN0BU16C501009	4cylinder	Automatic	Gas
4656	2745284	SUV(Nissan Xterra)	T&D-Meter Shop	Light/Medium Vehicle	GOOD	2006	5N1AN0BU16C505496	4cylinder	Automatic	Gas
4657	2745292	SUV(Nissan Xterra)	Procurement	Light/Medium Vehicle	GOOD	2006	5N1AN0BU76C333772	4cylinder	Automatic	Gas





**GPA-024-21**  
**Fleet and Fuel Management Software**  
**Services for the Authority's Fleet**

**Business Licenses**







DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation

EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104211

R

Service

ACCOUNT NO. 13-200201828-01

ISSUED TO:

PTI PACIFICA INC.

FEE 50 00

DOING BUSINESS AS:

IT&E

PENALTY 0 00

TOTAL FEE 50 00

TYPE OF LICENSE:

TELEPHONE & TELEGRAPHIC COMMUNICATIONS

SERVICE

BUSINESS LOCATION:

LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL

PARK RD TAMUNING GUAM

MAILING ADDRESS:

P O BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME

96921

BUSINESS 922-4483

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

Dafne Mansapit-Simizu

DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation

EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104212

R

Service

ACCOUNT NO. 13-200201828-02

FEE	50.00
PENALTY	0.00
TOTAL FEE	50.00

ISSUED TO: PTI PACIFICA INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: DOMESTIC & INTERNATIONAL DATA TRANSPORT

SERVICE

BUSINESS LOCATION: LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL

PARK RD STE 103 TAMUNING GUAM

MAILING ADDRESS: P O BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME 96921 BUSINESS 922-4483

05/26/2020

*Dafne Mansapit-Snimizu*  
Dafne Mansapit-Snimizu

DIRECTOR OF REVENUE AND TAXATION

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OFFICIAL.



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 28607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation

EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104214

R

Service

ACCOUNT NO. 13-200201828-05

FEE	50 00
PENALTY	0 00
TOTAL FEE	50 00

ISSUED TO: PTI PACIFICA, INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: WIRELESS COMMUNICATIONS SERVICES

BUSINESS LOCATION: LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL

PARK RD STE 103 TAMUNING GUAM

MAILING ADDRESS: P O BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME 96921 BUSINESS 922-4483

05/26/2020

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OFFICIAL.

*Dafne Mansapit-Simizu*

Dafne Mansapit-Simizu

DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation

EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104215

R

Service

ACCOUNT NO. 13-200201828-06

ISSUED TO:

PTI PACIFICA, INC.

FEE 50.00

DOING BUSINESS AS:

IT&E

PENALTY 0.00

TYPE OF LICENSE:

ADVERTISING AGENCY

TOTAL FEE 50.00

BUSINESS LOCATION:

LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL

PARK RD STE 103 TAMUNING GUAM

MAILING ADDRESS:

P O BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME

96921

BUSINESS 922-4483

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM  
P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104215

R

Service  
ACCOUNT NO. 13-200201828-06

ISSUED TO: PTI PACIFICA, INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: ADVERTISING AGENCY

BUSINESS LOCATION: LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL

PARK RD STE 103 TAMUNING GUAM

MAILING ADDRESS: P O BOX 24881  
BARRIGADA GUAM

96921  
BUSINESS 922-4483

TELEPHONE: HOME

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

*Dafne Mansapit-Simizu*  
Dafne Mansapit-Simizu

DIRECTOR OF REVENUE AND TAXATION

FEE	50 00
PENALTY	0 00
TOTAL FEE	50 00

# BUSINESS LICENSE

DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM



P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

SERIAL # 2104216

R

Service  
ACCOUNT NO. 13-200201828-07

ISSUED TO:	PTI PACIFICA, INC.	FEE	50 00
DOING BUSINESS AS:	IT&E	PENALTY	0 00
		TOTAL FEE	50 00

TYPE OF LICENSE: MANAGEMENT CONSULTANT

BUSINESS LOCATION: LOT 5166-1-5NEW #122 WHARMON INDUSTRIAL

PARK RD STE 103 TAMUNING GUAM

MAILING ADDRESS: P O BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME 96921 BUSINESS 922-4483

05/26/2020

*Dafne Mansapit-Shimizu*  
Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM  
P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com  
Foreign corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104217

R

Service  
ACCOUNT NO. 13-200201828-10

ISSUED TO:	PTI PACIFICA, INC.	FEE	50 00
DOING BUSINESS AS:	IT&E	PENALTY	0 00
		TOTAL FEE	50 00

TYPE OF LICENSE: WIRELESS COMMUNICATIONS SERVICES

BUSINESS LOCATION: LOT 5047-1-2-NEW #1088 W MARINE CORPS DR

STE C205 MICRONESIA MALL DEDEDO GUAM

MAILING ADDRESS: P O BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME 96921 BUSINESS 922-4483

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

*Dafne Mansapit-Shimizu*  
Dafne Mansapit-Shimizu  
DIRECTOR OF REVENUE AND TAXATION

# BUSINESS LICENSE

SERIAL # 2104218

**DEPARTMENT OF REVENUE AND TAXATION**  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

R

Service  
ACCOUNT NO. 13-200201828-12



ISSUED TO:	PTI PACIFICA INC.	FEE	50 00
DOING BUSINESS AS:	IT&E	PENALTY	0 00
TYPE OF LICENSE:	LONG DISTANCE CALLING VOICE & DATA	TOTAL FEE	50 00

COMMUNICATION SERVICES

BUSINESS LOCATION: LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL

PARK RD STE 103 TAMUNING GUAM

MAILING ADDRESS: P O BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME 96921 BUSINESS 922-4483

05/26/2020

*Dafne Mansapit-Simizu*  
Dafne Mansapit-Simizu  
DIRECTOR OF REVENUE AND TAXATION

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.



# BUSINESS LICENSE

DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM



P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

SERIAL # 2104219

R

Service  
ACCOUNT NO. 13-200201828-13

ISSUED TO:	PTI PACIFICA INC.	FEE	50 00
DOING BUSINESS AS:	IT&E	PENALTY	0 00
		TOTAL FEE	50 00

TYPE OF LICENSE: PROVIDING LOCAL TELECOM EXCHANGE

SERVICES

BUSINESS LOCATION: LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL  
PARK RD STE 103 TAMUNING GUAM

MAILING ADDRESS: P O BOX 24881  
BARRIGADA GUAM

96921 BUSINESS 922-4483

TELEPHONE: HOME 05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

*Dafne Mansapit-Simizu*  
Dafne Mansapit-Simizu  
DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM  
P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com  
Foreign corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104220

R

Service  
ACCOUNT NO. 13-200201828-16

ISSUED TO:	PTI PACIFICA INC.	FEE	50 00
DOING BUSINESS AS:	IT&E	PENALTY	0 00
TYPE OF LICENSE:	LONG DISTANCE CALLING VOICE & DATA	TOTAL FEE	50 00

COMMUNICATION SERVICES

BUSINESS LOCATION: LOT 5047-1-2-NEW STE C-205 #1088 WEST

MARINE CORPS DR MICRONESIA MALL DEDEDO

MAILING ADDRESS: P O BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME 96921 BUSINESS 922-4483

05/26/2020

*Dafne Mansapit-Shimizu*  
Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.



**DEPARTMENT OF REVENUE AND TAXATION**  
**GOVERNMENT OF GUAM**  
 P.O. Box 23607  
 Barrigada, Guam 96921  
 www.guamtax.com  
**Foreign corporation**  
**EXPIRES: May 31, 2021**

# BUSINESS LICENSE

SERIAL # 2104221

R

**Service**  
 ACCOUNT NO. 13-200201828-18

FEE	50 00
PENALTY	0 00
TOTAL FEE	50 00

ISSUED TO: PTI PACIFICA, INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: WIRELESS COMMUNICATION SERVICES

BUSINESS LOCATION: LOT 2145-REM-1NEW-R1 #199 CHLN SAN

ANTONIO RD KIOSK C-7 GPO TAMUNING GUAM

MAILING ADDRESS: P O BOX 24881  
 BARRIGADA GUAM

TELEPHONE: HOME 96921 BUSINESS 922-4483

05/26/2020

*Dafne Mansapit-Sinmizu*  
 Dafne Mansapit-Sinmizu  
 DIRECTOR OF REVENUE AND TAXATION

KEEP POSTED IN A CONSPICUOUS PLACE.  
 LICENSE MUST BE PRODUCED UPON  
 DEMAND TO ANY AUTHORIZED GOV'T  
 OFFICIAL.



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM  
P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104222

R

Service  
ACCOUNT NO. 13-200201828-19

ISSUED TO:	PTI PACIFICA, INC.	FEE	50 00
DOING BUSINESS AS:	IT&E	PENALTY	0 00
		TOTAL FEE	50 00

TYPE OF LICENSE: LONG DISTANCE CALLING VOICE & DATA

COMMUNICATION SERVICES

BUSINESS LOCATION: LOT 2145-REM-1NEW-R1 #199 CHLN SAN

ANTONIO RD KIOSK C-7 GPO TAMUNING GUAM

MAILING ADDRESS: P O BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME 96921 BUSINESS 922-4483

05/26/2020

*Dafne Mansapit-Snimizu*  
Dafne Mansapit-Snimizu

DIRECTOR OF REVENUE AND TAXATION

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.



**DEPARTMENT OF REVENUE AND TAXATION**  
**GOVERNMENT OF GUAM**

P.O. Box 23607  
 Barrigada, Guam 96921  
 www.guamtax.com

Foreign corporation  
**EXPIRES: May 31, 2021**

**BUSINESS LICENSE**

SERIAL # 2104223

R

Service  
 ACCOUNT NO. 13-200201828-25

FEE	50 00
PENALTY	0 00
TOTAL FEE	50 00

ISSUED TO: PTI PACIFICA INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: LONG DISTANCE CALLING VOICE & DATA

COMMUNICATION SERVICES

BUSINESS LOCATION: BLDG 24016 ANDERSEN MAIN EXCHANGE MALL

YIGO GUAM

MAILING ADDRESS: 122 W HARMON INDUST PARK RD STE 103  
 TAMUNING GUAM

TELEPHONE: HOME 96913 BUSINESS 922-4483

05/26/2020

*Dafne Mansapit-Shimizu*  
 Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION

KEEP POSTED IN A CONSPICUOUS PLACE.  
 LICENSE MUST BE PRODUCED UPON  
 DEMAND TO ANY AUTHORIZED GOV'T  
 OFFICIAL.



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104224

R

Service  
ACCOUNT NO. 13-200201828-26

FEE	50 00
PENALTY	0 00
TOTAL FEE	50 00

ISSUED TO:

PTI PACIFICA INC.

DOING BUSINESS AS:

IT&E

TYPE OF LICENSE:

WIRELESS COMMUNICATION SERVICES

BUSINESS LOCATION:

BLDG 24016 ANDERSEN MAIN EXCHANGE MALL

YIGO GUAM

MAILING ADDRESS:

122 W HARMON INDUST PARK RD STE 103

TAMUNING GUAM

TELEPHONE: HOME

96913

BUSINESS 922-4483

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

**BUSINESS LICENSE**

SERIAL # 2104225

R

Service  
ACCOUNT NO. 13-200201828-27

ISSUED TO: PTI PACIFICA, INC.  
DOING BUSINESS AS: IT&E  
TYPE OF LICENSE: LONG DISTANCE CALLING VOICE & DATA  
COMMUNICATION SERVICES

BUSINESS LOCATION: LOT 82-1-5-R10 AGANA SHOPPING CTR #117

302 S ROUTE 4 HAGATNA GUAM

MAILING ADDRESS: 122 W HARMON INDUST PARK RD STE 103  
TAMUNING GUAM

TELEPHONE: HOME 922-4483

96913 BUSINESS 922-4483

05/26/2020

FEE	50 00
PENALTY	0 00
TOTAL FEE	50 00

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

*Dafne Mansapit-Shimizu*  
Dafne Mansapit-Shimizu  
DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104226

R

Service  
ACCOUNT NO. 13-200201828-28

ISSUED TO: PTI PACIFICA, INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: WIRELESS COMMUNICATION SERVICES

BUSINESS LOCATION: LOT 82-5-R10 AGANA SHOPPING CTR #117

302 S ROUTE 4 HAGATNA GUAM

MAILING ADDRESS: 122 W HARMON INDUST PARK RD STE 103  
TAMUNING GUAM

TELEPHONE: HOME 922-4483

96913 BUSINESS 922-4483

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

*Dafne Mansapit-Snimizu*  
Dafne Mansapit-Snimizu  
DIRECTOR OF REVENUE AND TAXATION

FEE	50 00
PENALTY	0 00
TOTAL FEE	50 00





**DEPARTMENT OF REVENUE AND TAXATION**  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
**EXPIRES: May 31, 2021**

**BUSINESS LICENSE**

SERIAL # 2104227

R

Service rental  
ACCOUNT NO. 14-200201828-02

FEE	200 00
PENALTY	0 00
<b>TOTAL FEE</b>	<b>200 00</b>

ISSUED TO: PTI PACIFICA, INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: OFFICE RENTALS (BLDG B&C) AT THE IT&E

HARMON PLAZA

BUSINESS LOCATION: LOT 5166-1-5-NEW-1 5166-1-5-NEW-2

122 W HARMON IND PARK TAMUNING GUAM

MAILING ADDRESS: 122 W HARMON INDUSTRIAL PARK RD  
SUITE 103  
TAMUNING GUAM

TELEPHONE: HOME

96913

BUSINESS 922-4483

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

Dafne Mansapit-Simizu

DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104228

R

Wholesale  
ACCOUNT NO. 20-200201828-03

FEE	1,000 00
PENALTY	0 00
TOTAL FEE	1,000 00

ISSUED TO: PTI PACIFICA, INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: WHOLESALER OF PREPAID WIRELESS CARDS

BUSINESS LOCATION: LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL

PARK RD STE 103 TAMUNING GUAM

MAILING ADDRESS: PO BOX 24881  
BARRIGADA GUAM

96921 BUSINESS 922-4483

TELEPHONE: HOME

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104229

R

Wholesale  
ACCOUNT NO. 20-200201828-04

FEE	1,000 00
PENALTY	0 00
TOTAL FEE	1,000 00

ISSUED TO: PTI PACIFICA INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: WHOLESALE OF PREPAID CALLING CARDS &

WIRELESS PRODUCTS

BUSINESS LOCATION: LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL

PARK RD STE 103 TAMUNING GUAM

MAILING ADDRESS: PO BOX 24881  
BARRIGADA GUAM

TELEPHONE: HOME 96921 BUSINESS 922-4483

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

*Dafne Mansapit-Shimizu*  
Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104230

R

Retail  
ACCOUNT NO. 30-200201828-01

FEE	1,000.00
PENALTY	0.00
TOTAL FEE	1,000.00

ISSUED TO: PTI PACIFICA INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: SALE OF TELEPHONE & TELEGRAPHIC

INSTRUMENTS

BUSINESS LOCATION: LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL

PARK RD TAMUNING GUAM

MAILING ADDRESS: PO BOX 24881

BARRIGADA GUAM

TELEPHONE: HOME

96921

BUSINESS 922-4483

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.

Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION



**DEPARTMENT OF REVENUE AND TAXATION**  
 GOVERNMENT OF GUAM

P.O. Box 23607  
 Barrigada, Guam 96921  
 www.guamtax.com

Foreign corporation

**EXPIRES: May 31, 2021**

**BUSINESS LICENSE**

SERIAL # 2104231

R

Retail

ACCOUNT NO. 30-200201828-02

ISSUED TO:	PTI PACIFICA, INC.	FEE	1,000 00
DOING BUSINESS AS:	IT&E	PENALTY	0 00
TYPE OF LICENSE:	SALE OF DRY GOODS AND PUBLISHING	TOTAL FEE	1,000 00
	MATERIALS (NO FOOD/COSMETICS)		
BUSINESS LOCATION:	LOT 5166-1-5NEW #122 W HARMON INDUSTRIAL		
	PARK RD STE 103 TAMUNING GUAM		
MAILING ADDRESS:	PO BOX 24881		
TELEPHONE:	BARRIGADA GUAM 96921 BUSINESS 922-4483		

05/26/2020

*Dafne Mansapit-Shimizu*  
 Dafne Mansapit-Shimizu  
 DIRECTOR OF REVENUE AND TAXATION

KEEP POSTED IN A CONSPICUOUS PLACE.  
 LICENSE MUST BE PRODUCED UPON  
 DEMAND TO ANY AUTHORIZED GOV'T  
 OFFICIAL.

**DEPARTMENT OF REVENUE AND TAXATION**  
**GOVERNMENT OF GUAM**

P.O. Box 23607  
 Barrigada, Guam 96921  
 www.guamtax.com

Foreign corporation  
**EXPIRES: May 31, 2021**

**BUSINESS LICENSE**

SERIAL # 2104232

R

Retail  
 ACCOUNT NO. 30-200201828-05



FEE	1,000.00
PENALTY	0.00
<b>TOTAL FEE</b>	<b>1,000.00</b>

ISSUED TO: PTI PACIFICA, INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: SALE OF DRY GOODS

(NO FOOD/COSMETICS)

BUSINESS LOCATION: LOT 5047-1-2-NEW #1088 W MARINE CORPS DR

STE C205 MICRONESIA MALL DEDEDO GUAM

MAILING ADDRESS: PO BOX 24881

BARRIGADA GUAM

96921

BUSINESS 922-4483

TELEPHONE: HOME

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
 LICENSE MUST BE PRODUCED UPON  
 DEMAND TO ANY AUTHORIZED GOV'T  
 OFFICIAL.

*Dafne Mansapit-Shimizu*  
 Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM  
P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign sales corporation  
EXPIRES: May 31, 2021

# BUSINESS LICENSE

SERIAL # 2104233

R

Retail  
ACCOUNT NO. 30-200201828-06

FEE	1,000 00
PENALTY	0 00
TOTAL FEE	1,000 00

ISSUED TO: PTI PACIFICA, INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: SALE OF DRY GOODS

BUSINESS LOCATION: LOT 2145-REM-1NEW-R1 #199 CHLN SAN

ANTONIO RD KIOSK C-7 GPO TAMUNING GUAM

MAILING ADDRESS: PO BOX 24881

BARRIGADA GUAM

TELEPHONE: HOME

96921

BUSINESS 922-4483

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.



Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION



DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM  
P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

# BUSINESS LICENSE

SERIAL # 2104234

R

Foreign corporation  
EXPIRES: May 31, 2021  
Retail  
ACCOUNT NO. 30-200201828-08

ISSUED TO:	PTI PACIFICA INC.	FEE	1,000 00
DOING BUSINESS AS:	IT&E	PENALTY	0 00
		TOTAL FEE	1,000 00

TYPE OF LICENSE: SALE (PEDDLING) OF DRY GOODS (NO FOOD OR COSMETICS) ON AUTHORIZED LOCATIONS ONLY

BUSINESS LOCATION: LOT 5166-1-5 NEW #122 W HARMON IND PARK  
RD TAMUNING GUAM

MAILING ADDRESS: 122 W HARMON IND PARK RD  
STE 103  
TAMUNING, GUAM  
TELEPHONE: HOME 96913 BUSINESS 922-4483

05/26/2020

*Dafne Mansapit-Shimizu*  
Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION

KEEP POSTED IN A CONSPICUOUS PLACE.  
LICENSE MUST BE PRODUCED UPON  
DEMAND TO ANY AUTHORIZED GOV'T  
OFFICIAL.



# BUSINESS LICENSE

SERIAL # 2104235

DEPARTMENT OF REVENUE AND TAXATION  
GOVERNMENT OF GUAM

P.O. Box 23607  
Barrigada, Guam 96921  
www.guamtax.com

Foreign corporation  
EXPIRES: May 31, 2021

Retail  
ACCOUNT NO. 30-200201828-09

R



FEE	1,000 00
PENALTY	0 00
<b>TOTAL FEE</b>	<b>1,000 00</b>

ISSUED TO: PTI PACIFICA INC.

DOING BUSINESS AS: IT&E

TYPE OF LICENSE: SALE OF DRY GOODS  
(NO FOOD/COSMETICS)

BUSINESS LOCATION: BLDG 24016 ANDERSEN MAIN EXCHANGE MALL  
YIGO GUAM

MAILING ADDRESS: 122 W HARMON INDUST PARK  
STE 103  
TAMUNING GUAM 96913 BUSINESS 922-4483

TELEPHONE: HOME

05/26/2020

*Dafne Mansapit-Shimizu*  
Dafne Mansapit-Shimizu  
DIRECTOR OF REVENUE AND TAXATION

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OFFICIAL.



DEPARTMENT OF REVENUE AND TAXATION  
 GOVERNMENT OF GUAM  
 P.O. Box 23607  
 Barrigada, Guam 96921  
 www.guamtax.com

**BUSINESS LICENSE**

SERIAL # 2104236

R

Foreign corporation  
 EXPIRES: May 31, 2021  
 Retail  
 ACCOUNT NO. 30-200201828-10

ISSUED TO:	PTI PACIFICA	FEE	1,000 00
DOING BUSINESS AS:	IT&E	PENALTY	0 00
TYPE OF LICENSE:	SALE OF DRY GOODS (NO FOOD/COSMETICS)	TOTAL FEE	1,000 00

BUSINESS LOCATION: LOT 82-1-5 R10 AGANA SHOPPING CTR #117  
 302 S ROUTE 4 HAGATNA GUAM

MAILING ADDRESS: 122 W. HARMON INDUSTRIAL PARK ROAD  
 SUITE 103  
 TAMUNING

TELEPHONE: HOME 922-4483

96913 BUSINESS

05/26/2020

KEEP POSTED IN A CONSPICUOUS PLACE.  
 LICENSE MUST BE PRODUCED UPON  
 DEMAND TO ANY AUTHORIZED GOV'T  
 OFFICIAL.

*Dafne Mansapit-Shimizu*  
 Dafne Mansapit-Shimizu

DIRECTOR OF REVENUE AND TAXATION



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÅHAN  
P.O.BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

To All Interested Parties:

I hereby acknowledge the following **GLOBAL NOTICE: COVID-19 PANDEMIC requirements:**

To ensure the safety and well-being of personnel and prospective bidders, please be advised of the following:

1. Six (6) Feet of Social Distancing shall be practiced.
2. Mandatory face mask required for each individual.
3. Temperature checks shall be conducted upon entrance of the Gloria B. Nelson Public Service Building.
4. One (1) Personnel per Prospective Bidder to submit and attend public opening.
5. One (1) Personnel per Prospective Offeror to submit an RFP proposal.

**COMPANY NAME:**

**NAME OF INDIVIDUAL:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Print / Sign                      Date

**BID NO.:** GPA-024-21

**RFP NO.:** \_\_\_\_\_



JOSEPH T. DUENAS  
Chairman



JOHN M. BENAVENTE, P.E.  
General Manager

Telephone Nos. (671) 648-3054/55 or Facsimile (671) 648-3165

Accountability      Impartiality      Competence      Openness      Value

INVITATION FOR BID (IFB) NO.: GPA-024-21  
DESCRIPTION: Fleet and Fuel Management Software Services for the Authority's Fleet

**SPECIAL REMINDERS TO PROSPECTIVE BIDDERS**

Bidders are reminded to read the Sealed Bid Solicitation and Instructions, and General Terms and Conditions attached to the IFB to ascertain that all of the following requirements checked below are submitted in the bid envelope, **one (1) original, in duplicate**, at the date and time for bid opening.

- (XX) BID GUARANTEE (15%) May be in the form of; Reference #11 on the General Terms and Conditions
  - a. Cashier's Check or Certified Check (**NOTE: Cashier's Check or Certified Check Refunds will be ONLY be made out to the name of the Bidder.**)
  - b. Letter of Credit or
  - c. Surety Bond – Valid only if accompanied by:
    - 1. Current Certificate of Authority issued by the Insurance Commissioner;
    - 2. Power of Attorney issued by the Surety to the Resident General Agent;
    - 3. Power of Attorney issued by two (2) major officers of the Surety to whomsoever is signing on their behalf.

- ( ) STATEMENT OF QUALIFICATION;
- ( ) SAMPLES;
- ( ) BROCHURES/DESCRIPTIVE LITERATURE; (Shall provide detailed literature on items offered)
- (XX) AFFIDAVIT OF DISCLOSURE OF MAJOR SHAREHOLDERS;
- (XX) NON-COLLUSION AFFIDAVIT;
- (XX) NO GRATUITIES OR KICKBACKS AFFIDAVIT;
- (XX) ETHICAL STANDARDS AFFIDAVIT;
- (XX) WAGE DETERMINATION AFFIDAVIT;
- (XX) RESTRICTIONS AGAINST SEX OFFENDERS AFFIDAVIT;

**Note:** The above Affidavits must comply with the following requirements:

- a. The affidavit must be signed within 60 days of the date the bid is due;
- b. Date of signature of the person authorized to sign the bid and the notary date must be the same.
- c. First time affidavit **must** be an **original** – If copy, indicate Bid Number/Agency where original can be obtained.

(XX) OTHER REQUIREMENTS:  
A Guam Business License and/or Contractor's License with proof of Employer Identification Number (EIN) is not required in order to provide a proposal for this engagement, but is a pre-condition for entering into a contract with the Authority. Bidders MUST comply with PL 28-111 dated June 18, 2002, PL 28-165 dated January 04, 2007 and Wage Determination under the Service Contract Act (www.wdol.gov). Additionally, upon award the successful bidder must provide to GPA the most recently issued Wage Determination by the US Dept. of Labor.

The reminder must be signed and returned in the bid envelope together with the bid. Failure to comply with the above requirements will mean a disqualification and rejection of the bid.

On this \_\_\_\_\_ day of \_\_\_\_\_, 2021, I, \_\_\_\_\_, authorized representative of \_\_\_\_\_, acknowledge receipt of this special reminder to prospective bidders with the above referenced IFB.

\_\_\_\_\_  
Bidder Representative's Signature

**INVITATION FOR BID**

**ISSUING OFFICE:**  
Guam Power Authority  
1<sup>st</sup>. Floor, Room 101  
Procurement Management Materials Supply  
Gloria B. Nelson Public Service Building  
688 Route 15, Mangilao, Guam 96913

**JOHN M. BENAVENTE, P.E.    DATE**  
General Manager

DATE ISSUED: \_\_\_\_\_ BID INVITATION NO.: GPA-024-21

BID FOR: Fleet and Fuel Management Software Services for the Authority's Fleet

SPECIFICATION: See Attached

DESTINATION: See Attached

REQUIRED DELIVERY DATE: February 01, 2021

**INSTRUCTIONS TO BIDDERS:**

INDICATE WHETHER: \_\_\_\_\_ INDIVIDUAL \_\_\_\_\_ PARTNERSHIP \_\_\_\_\_ CORPORATION

INCORPORATED IN: \_\_\_\_\_

This bid shall be submitted in duplicate and sealed to the issuing office above no later than (Time) \_\_\_\_\_  
**Date:** \_\_\_\_\_ and shall be publicly opened. Bid submitted after the time and date specified above shall be rejected. See attached General Terms and Conditions and Sealed Bid Solicitation for details.

The undersigned offers and agrees to furnish within the time specified, the articles and services at the price stated opposite the respective items listed on the schedule provided, unless otherwise specified by the bidder. In consideration to the expense of the Government in opening, tabulating, and evaluating this and other bids, and other considerations, the undersigned agrees that this bid remain firm and irrevocable within one hundred twenty (120) calendar days from the date opening to supply any or all of the items which prices are quoted.

NAME AND ADDRESS OF BIDDER: \_\_\_\_\_ SIGNATURE AND TITLE OF PERSON  
AUTHORIZED TO SIGN THIS BID:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

AWARD: CONTRACT NO.: \_\_\_\_\_ AMOUNT: \_\_\_\_\_ DATE: \_\_\_\_\_

ITEM NO(S). AWARDED: \_\_\_\_\_

CONTRACTING OFFICER:

JOHN M. BENAVENTE, P.E.    DATE  
General Manager

NAME AND ADDRESS OF CONTRACTOR: \_\_\_\_\_ SIGNATURE AND TITLE OF PERSON  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

INVITATION FOR BID NO.: GPA-024-21  
Requisition No.: 34708

NO.	DESCRIPTION	QTY.	U/I	MONTHLY:	ANNUALLY:
1.0	To provide the Guam Power Authority, Transportation Division with Fleet and Fuel Management Services for 200 vehicles to include web- based software, technical assistance, devices, installation, replacement and/or removal of devices for the Authority's fleet. Commencement shall be February 01, 2021 and expires September 30, 2021 or upon exhaustion of funds, whichever occurs first.	LOT		\$ _____	\$ _____

**A. GENERAL INFORMATION:**

**COMPLY / NON-COMPLIANCE:**

**A.1 -** The Guam Power Authority is soliciting bids from qualified firms for the leasing of Web-based software for a fleet management and fuel tracking application, to include technical assistance, fleet management devices, installation, replacement and/or removal of devices. The successful bidder shall demonstrate the capability of supplying a quality and user friendly software application and to provide reliable technical assistance and services to meet the Authority's needs. Bidder shall provide a complete package to the Guam Power Authority.

\_\_\_\_\_

**A.2 -** Contract shall include technical assistance as outlined below; available from 8am to 5pm Monday thru Friday excluding observed Government of Guam Holidays.

\_\_\_\_\_

**B. FLEET MANAGEMENT DEVICES:**

**COMPLY / NON-COMPLIANCE:**

**B.1 -** All fleet management devices and/or replacement devices shall be leased to the Authority at a fixed rate for the duration of the contract to include any and all option years exercised.

\_\_\_\_\_

**B.2 -** Warranty for fleet management devices shall be a minimum of one (1) year from installation date and shall include repair, replacement, removal and installation.

\_\_\_\_\_

**B.3 -** All Fleet Management device installations, removals and/or replacements shall be scheduled and approved; prior to commencement of work by the Authority's Fleet Support Service Manager.

\_\_\_\_\_

**B.4 -** An initial installation of 180 devices into vehicles designated by the Authority's Fleet Support Services Manager shall commence on or about February 01, 2021 and shall be completed May 01, 2021. All extension request for initial installation, must be approved by the Authority's Fleet Support Service Manager.

\_\_\_\_\_

**B.5 -** The remaining 20 devices shall be installed in designated Authority vehicles and/or equipment upon the request of the Authority's Fleet Support Service Manager.

\_\_\_\_\_

**B.6 -** Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.

\_\_\_\_\_

**INVITATION FOR BID NO.: GPA-024-21  
Requisition No.: 34708**

NO.	DESCRIPTION	QTY. U/I	MONTHLY:	ANNUALLY:
	B.7 - Installations, removals and/or replacements that exceed the estimated time frame shall be approved by the Authority's Fleet Support Service Manager prior to the commencement of work.			
<b>C.</b>	<b><u>SOFTWARE SERVICES:</u></b>			<b>COMPLY / NON-COMPLIANCE:</b>
	C.1 - Software Services with technical assistance upon request shall consist of the following:			
	C.1-1 Provide a complete fleet and fuel management package on a secure web-based application to display and manage data compiled from the fleet management devices and users.			
	C.1-2 Allow for a minimum of 50 accounts with the ability to program specific levels of access enabling users to monitor specific groups of vehicles, customize vehicle profiles, and access fleets historical data.			
	C.1-3 Provide record vehicle service and maintenance data, to include date of next service (preventive maintenance) and safety inspections due, maintain records of all services done.			
	C.1-4 Provide automated notifications to specified users regarding registration renewal dates and preventive maintenance scheduled dates of vehicles.			
	C.1-5 Determine location of vehicles with real-time tracking and updates, both vehicle and driver-specific.			
	C.1-6 Enable user to see its entire fleet on web-based mapping service application and provide zoom-in capabilities to individual vehicles around specified points on web-based map.			
	C.1-7 Ability to view multiple map layers and customize map layers.			
	C.1-8 Ability to import map layers from outside source.			
	C.1-9 Provide real-time tracking of location, driving speed, operator of vehicle, stopping, idling, time spent at locations, distance traveled, engine hours and route used.			
	C.1-10 Maintain and provide upon request historical data of fleet vehicles, to include: location, driving speed, operator of vehicle, stopping, idling, time spent at locations, distance traveled, engine hours and route used.			
	C.1-11 Ability to create geographical boundaries (Geo-Fences) that show when vehicles enter, or exit areas in real-time, and interactive map feature that includes location to destination navigation with turn-by-turn directions from point A to point B, and record total time spent in zone or area; and create fixed routes to assign specific drivers or vehicles.			
	C.1-12 Provide real-time automated vehicle tracking alerts sent to accounts specified by the Authority's Fleet Support Service Manager; via email, pop-up notifications on web-based application or by text message.			

INVITATION FOR BID NO.: GPA-024-21  
Requisition No.: 34708

NO.	DESCRIPTION	QTY. U/I	MONTHLY:	ANNUALLY:
C.1-13	Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.			
C.1-14	Provide multiple data-specific reports to include individual trip data by vehicle, distance traveled by vehicle, distance traveled by driver, summary reports of all by group description, service/maintenance history and how often the vehicles are used.			
C.1-15	Provide the following data-specific reports to include, date of trip, drive (start & end time), drive (duration), driver, speed (average, top, duration & count), vehicle idle time by minutes, idle time count, travel distance, vehicle/ equipment division and location.			
C.1-16	Provide vehicle mileage reports that include engine hours, driver usage, estimated fuel consumption.			
C.1-17	Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include date and time of fuel dispense, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and personnel who dispensed the fuel.			
C.2	Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates.			
C.3	All Fleet Management historical data shall be maintained for the term of the contract and/or all option years.			
C.3-1	Access; upon request to all historical data, for personnel authorized by the Fleet Support Service Manager.			
D.	<b>PRODUCT SUPPORT:</b>			
			<b>COMPLY / NON-COMPLIANCE:</b>	
D.1	New driver access key step up, access key issuance and issuance tracking.			
D.2	Training services for use of the software must be available throughout the duration of the contract, include new employee training and refresher courses.			
D.3	All trainings will be coordinated and scheduled by the Guam Power Authority's Transportation Division as required.			
E.	<b>GUARANTEES:</b>			
			<b>COMPLY / NON-COMPLIANCE:</b>	
E.1	Dealer shall warrant the software and all auxiliary equipment conforms to the proposed specifications and be free of defects from material, workmanship and title.			
E.2	Manufacturer's brochure/s (original) shall be submitted and attached on bid submittal.			



INVITATION FOR BID NO.: GPA-024-21  
Requisition No.: 34708

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<u>NO.</u>	<u>DESCRIPTION</u>	<u>QTY. U/I</u>	<u>MONTHLY:</u>	<u>ANNUALLY:</u>
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**CONTRACT TERM:**

The contract period shall be for one (1) year base period with an option to renew annually for two (2) additional one (1) year options, not to exceed a maximum of three (3) years.

**NOTE:**

Notwithstanding the fact that this contract was written by one (1) party, it will be construed that it was written by two (2) parties.

**SPECIFICATION GENERATED/REVIEWED BY:**

  
\_\_\_\_\_  
Pedro F. Sanchez      12/31/20  
Management Analyst III      Date

**SPECIFICATION CONCURRED BY:**

  
\_\_\_\_\_  
JIMMY D. PANGELINAN      12/31/2020  
Fleet Support Service Manager      Date

**SPECIFICATION APPROVED BY:**

\_\_\_\_\_  
MELINDA C. MAFNAS, P.E.      Date  
Assistant General Manager of Operations



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÅHAN  
P.O. BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

Lourdes A. Leon Guerrero  
I Maga 'hàga

Telephone Nos. (671) 648-3054/55 Fax: 648-3165

Joshua F. Tenorio  
I Sigundo Maga 'làhi

## BID BOND

NO.: \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS that \_\_\_\_\_ as

Principal Hereinafter called the Principal, and (Bonding Company), \_\_\_\_\_  
A duly admitted insurer under the laws of the Territory of Guam, as Surety, hereinafter called the Surety are  
Held firmly bound unto the Territory of Guam for the sum of \_\_\_\_\_ Dollars  
(\$ \_\_\_\_\_), for Payment of which sum will and truly to be made, the said Principal and the said  
Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly  
by these presents.

WHEREAS, the Principal has submitted a bid for (identify project by number and brief description)  
\_\_\_\_\_  
\_\_\_\_\_

NOW, THEREFORE, if the Territory of Guam shall accept the bid of the Principal and the Principal shall  
enter into a Contract with the Territory of Guam in accordance with the terms of such bid, and give such bond or  
bonds as may be specified in bidding or Contract documents with good and sufficient surety for the faithful  
performance of such Contract Documents with good and sufficient surety for the faithful performance of such  
Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event  
of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the  
Territory of Guam the difference not to exceed the penalty hereof between the amounts specified in said bid  
and such larger amount for which the Territory of Guam may in good faith contract with another party to perform  
work covered by said bid or an appropriate liquidated amount as specified in the Invitation for Bids then this  
obligation shall be null and void, otherwise to remain full force and effect.

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_ 2021.

\_\_\_\_\_  
(PRINCIPAL) (SEAL)

\_\_\_\_\_  
(WITNESS)

\_\_\_\_\_  
(TITLE)

\_\_\_\_\_  
(MAJOR OFFICER OF SURETY)

\_\_\_\_\_  
(TITLE)

\_\_\_\_\_  
(TITLE)

\_\_\_\_\_  
(RESIDENT GENERAL AGENT)

**SEE INSTRUCTIONS FOR SUPPORTING DOCUMENTS REQUIRED.**

**INSTRUCTION TO PROVIDERS:**

NOTICE to all Insurance and Bonding Institutions:

The Bond requires the signatures of the Vendor, two (2) major Officers of the Surety and Resident General Agent, if the Surety is a foreign or alien surety.

When the form is submitted to the Guam Power Authority, it should be accompanied with copies of the following:

1. Current Certificate of Authority to do business on Guam issued by the Department of Revenue and Taxation.
2. Power of Attorney issued by the Surety to the Resident General Agent.
3. Power of Attorney issued by two (2) major officers of the Surety to whoever is signing on their behalf.

Bonds, submitted as Bid Guarantee, without signatures and supporting documents are invalid and Bids will be rejected.



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÁHAN  
P.O. BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

## SPECIAL PROVISION FOR MAJOR SHAREHOLDERS DISCLOSURE AFFIDAVIT

All Bidders/Offerors are required to submit a current affidavit as required below. Failure to do so will mean disqualification and rejection of the bid/rfp.

**5 GCA §5233 (Title 5, Section 5233) states:**

"Section 5233 Disclosure of Major Shareholders. As a condition of submitting a bid or offer, any partnership, sole proprietorship or corporation doing business with the government of Guam shall submit an affidavit executed under oath that lists the name and address of any person who has held more than ten percent (10%) of the outstanding interest or shares in said partnership, sole proprietorship or corporation at any time during the twelve (12) month period immediately preceding submission of a bid, or, that it is a not for profit organization that qualifies for tax exemption under the Internal Revenue Code of the United States or the Business Privilege Tax law of Guam, Title 12, Guam Code Annotated, Section 26203©. With the exception of not for profit organizations, the affidavit shall contain the number of shares or the percentage of all assets of such partnership, sole proprietorship or corporation which have held by each such person during the twelve (12) month period. In addition, the affidavit shall contain the name and address of any person who has received or is entitled to receive a commission, gratuity or other compensation for procuring or assisting in obtaining business related to the bid or offer and shall also contain the amounts of any such commission, gratuity or other compensation. The affidavit shall be open and available to the public for inspection and copying."

1. If the affidavit is a copy, indicate the BID/RFP number and where it is filed.
2. Affidavits must be signed within 60 days of the date the bids or proposals are due.

MAJOR SHAREHOLDERS OF DISCLOSURE AFFIDAVIT

TERRITORY OF GUAM)

HAGATNA, GUAM )

I, undersign, \_\_\_\_\_  
(partner or officer of the company of, etc.)  
being first duly sworn, deposes and says:

1. That the person who have held more than ten percent (10%) of the company's shares during the past twelve (12) months are as follows:

<u>Name</u>	<u>Address</u>	<u>Percentage of Shares Held</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total number of shares		_____

2. Persons who have received or are entitled a commission, gratuity or other compensation for procuring or assisting in obtaining business related to the bid/rfp for which this Affidavit is submitted are as follows:

<u>Name</u>	<u>Address</u>	<u>Amount of Commission Gratuity or other Compensation</u>
_____	_____	_____
_____	_____	_____

Further, affiant sayeth naught.

Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of individual if bidder/offeror is a sole Proprietorship; Partner, if the bidder/offeror is a Partnership Officer, if the bidder/offeror is a corporation.

Subscribe and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_,

20\_\_\_\_\_.

Notary Public \_\_\_\_\_

In and for the Territory of Guam

My commission expires \_\_\_\_\_

NON-COLLUSION AFFIDAVIT

Guam )  
 )ss:  
Hagatna )

I, \_\_\_\_\_ first being duly sworn, depose and say:  
(Name of Declarant)

1. That I am the \_\_\_\_\_ of \_\_\_\_\_  
(Title) (Name of Bidding/RFP Company)
2. That in making the foregoing proposal or bid, that such proposal or bid is Genuine and not collusive or shame, that said bidder/offeror has not colluded, Conspired, connived or agreed, directly or indirectly, with any bidder or person, to put in a sham or to refrain from bidding or submitting a proposal and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the bid of affiant or any other bidder, or to secure any overhead, project or cost element of said bid price, or of that of any bidder, or to secure any advantage against the GUAM POWER AUTHORITY or any person interested in the proposed contract; and
3. That all statements in said proposal or bid are true.
4. This affidavit is made in compliance with Guam Administrative Rules and Regulations §§3126(b).

\_\_\_\_\_  
(Declarant)

SUBSCRIBED AND SWORN to me before this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

)Seal(

\_\_\_\_\_  
Notary Public

**NO GRATUITIES OR KICKBACKS AFFIDAVIT**

**AFFIDAVIT**  
(Offeror)

**TERRITORY OF GUAM )**

**HAGATNA, GUAM )**

**SS:**

\_\_\_\_\_, being first duly sworn, deposes and says:

As the duly authorized representative of the Offeror, that neither I nor of the Offeror's officers, representatives, agents, subcontractors, or employees has or have offered, given or agreed to give any government of Guam employee or former employee, any payment, gift, kickback, gratuity or offer of employment in connection with Offeror's proposal.

\_\_\_\_\_  
Signature of Individual if Proposer is a Sole Proprietorship;  
Partner, if the Proposer is a Partnership;  
Officer, if the Proposer is a Corporation

**SUBSCRIBED AND SWORN** to before me this \_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Notary Public  
In and for the Territory of Guam  
My Commission Expires:

**ETHICAL STANDARDS AFFIDAVIT**

**AFFIDAVIT**  
**(Proposer)**

**TERRITORY OF GUAM )**

**HAGATNA, GUAM )**

**SS:**

\_\_\_\_\_, being first duly sworn, deposes and says:

That I am ( the Sole Proprietor, a Partner or Officer of the Offeror)

That Offeror making the foregoing Proposal, that neither he or nor of the Offeror's officers, representatives, agents, subcontractors, or employees of the Offeror have knowingly influenced any government of Guam employee to breach any of the ethical standards set forth in 5 GCA Chapter 5 Article 11, and promises that neither he nor any officer, representative, agent, subcontractor, or employee of Offeror will knowingly influence any government of Guam employee to breach any ethical standard set for in 5 GCA Chapter 5 Article 11.

\_\_\_\_\_  
Signature of Individual if Proposer is a Sole Proprietorship;  
Partner, if the Proposer is a Partnership;  
Officer, if the Proposer is a Corporation

**SUBSCRIBED AND SWORN** to before me this \_\_\_\_day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Notary Public  
In and for the Territory of Guam  
My Commission Expires:



DECLARATION RE-COMPLIANCE WITH U.S. DOL WAGE DETERMINATION

Procurement No.: \_\_\_\_\_

Name of Offeror Company: \_\_\_\_\_

\_\_\_\_\_ hereby certifies under penalty of perjury:

- (1) That I am \_\_\_\_\_ (the offeror, a partner of the offeror, an officer of the offeror) making the bid or proposal in the foregoing identified procurement;
- (2) That I have read and understand the provisions of 5 GCA § 5801 and § 5802 which read:

**§ 5801. Wage Determination Established.**

In such cases where the government of Guam enters into contractual arrangements with a sole proprietorship, a partnership or a corporation ("contractor") for the provision of a service to the government of Guam, and in such cases where the contractor employs a person(s) whose purpose, in whole or in part, is the direct delivery of service contracted by the government of Guam, then the contractor shall pay such employee(s) in accordance with the Wage Determination for Guam and the Northern Mariana Islands issued and promulgated by the U.S. Department of Labor for such labor as is employed in the direct delivery of contract deliverables to the government of Guam.

The Wage Determination most recently issued by the U.S. Department of Labor at the time a contract is awarded to a contractor by the government of Guam shall be used to determine wages, which shall be paid to employees pursuant to this Article. Should any contract contain a renewal clause, then at the time of renewal adjustments, there shall be made stipulations contained in that contract for applying the Wage Determination, as required by this Article, so that the Wage Determination promulgated by the U.S. Department of Labor on a date most recent to the renewal date shall apply.

**§ 5802. Benefits.**

In addition to the Wage Determination detailed in this Article, any contract to which this Article applies shall also contain provisions mandating health and similar benefits for employees covered by this Article, such benefits having a minimum value as detailed in the Wage Determination issued and promulgated by the U.S. Department of Labor, and shall contain provisions guaranteeing a minimum of ten (10) paid holidays per annum per employee.

- (3) That the offeror is in full compliance with 5 GCA § 5801 and § 5802, as may be applicable to the procurement referenced herein;

\_\_\_\_\_  
 Signature of Individual if Proposer is a Sole Proprietorship;  
 Partner, if the Proposer is a Partnership;  
 Officer, if the Proposer is a Corporation

SUBSCRIBED AND SWORN to before me this \_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
 Notary Public  
 In and for the Territory of Guam  
 My Commission Expires:

**SPECIAL PROVISIONS**

**Restriction Against Sex Offenders Employed by Service Providers to Government of Guam from Working on Government of Guam Property**

GCA 5 §5253 Restriction Against Contractors Employing Convicted Sex Offenders from Working at Government of Guam Venues:

- (a) No person convicted of a sex offense under the provisions of Chapter 25 of Title 9 Guam Code Annotated, or an offense as defined in Article 2 of Chapter 28, Title 9 GCA in Guam, or an offense in any jurisdiction which includes, at a minimum, all of the elements of said offenses, or who is listed on the Sex Offender Registry, and who is employed by a business contracted to perform services for an agency or instrumentality of the government of Guam, shall work for his employer on the property of the Government of Guam other than public highway.
- (b) All contracts for services to agencies listed herein shall include the following provisions: (1) warranties that no person providing services on behalf of the contractor has been convicted of a sex offense under the provisions of Chapter 25 of Title 9 GCA or an offense as defined in Article 2 of Chapter 28, Title 9 GCA, or an offense in another jurisdiction with, at a minimum, the same elements as such offenses, or who is listed on the Sex Offender Registry; and (2) that if any person providing services on behalf of the contractor is convicted of a sex offense under the provisions of Chapter 25 of Title 9 GCA or an offense as defined in Article 2 of Chapter 28, Title 9 GCA or an offense in another jurisdiction with, at a minimum, the same elements as such offenses, or who is listed on the Sex Offender Registry, that such person will be immediately removed from working at said agency and that the administrator of said agency be informed of such within twenty-four (24) hours of such conviction.
- (c) Duties of the General Services Agency or Procurement Administrators. All contracts, bids, or Requests for Proposals shall state all the conditions in § 5253(b).
- (d) Any contractor found in violation of § 5253(b), after notice from the contracting authority of such violation, shall, within twenty-four (24) hours, take corrective action and shall report such action to the contracting authority. Failure to take corrective action within the stipulated period may result in the temporary suspension of the contract at the discretion of the contracting authority.

**SOURCE:** Added by P.L. 28-024:2 ((Apr. 21, 2005). Amended by P.L. 28-098:2 (Feb. 7, 2006).

\_\_\_\_\_  
Signature of Bidder      Date

Proposer, if an individual;  
Partner, if a partnership;  
Officer, if a corporation.

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Notary Public



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÁHAN  
P.O. BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

Lourdes A. Leon Guerrero  
I Maga 'hága

Telephone Nos. (671) 648-3054/55 Fax: 648-3165

Joshua F. Tenorio  
I Sigundo Maga 'láhi

Accountability • Impartiality • Competence • Openness • Value

## LOCAL PROCUREMENT PREFERENCE APPLICATION

Based on the law stipulated below, please place a checkmark or an "X" on the block indicating the item that applies to your business:

5GCA, Chapter 5, Section 5008, "Policy in Favor of Local Procurement" of the Guam Procurement Law states:

All procurement of supplies and services shall be made from among businesses licensed to do business on Guam and that maintains an office or other facility on Guam, whenever a business that is willing to be a contractor is:

- ( ) (a) A licensed bonafide manufacturing business that adds at least twenty-five percent (25%) of the value of an item, not to include administrative overhead, suing workers who are U.S. Citizens or lawfully admitted permanent residents or nationals of the United States, or persons who are lawfully admitted to the United States to work, based on their former citizenship in the Trust Territory for the Pacific Islands; or
- ( ) (b) A business that regularly carries an inventory for regular immediate sale of at least fifty percent (50%) of the items of supplies to be procured; or
- ( ) (c) A business that has a bonafide retail or wholesale business location that regularly carries an inventory on Guam of a value of at least one half of the value of the bid or One Hundred Fifty Thousand Dollars (\$150,000.0) whichever is less, of supplies and items of a similar nature to those being sought; or
- ( ) \*(d) A service actually in business, doing a substantial business on Guam, and hiring at least 95% U.S. Citizens, lawfully admitted permanent residents or national of the United States, or persons who lawfully admitted to the United States to work, based on their citizenship in any of the nations previously comprising the Trust Territory of the Pacific Islands.

- Bidders indicating qualification under (d) may be considered QUALIFIED for the Local Procurement Preference only if the Government's requirement is for service. Service is defined Pursuant to 5 GCA Government Operations Subparagraph 5030 entitled DEFINITIONS under Chapter 5 of the Guam Procurement Law.

1. I \_\_\_\_\_, representative for \_\_\_\_\_ have read the requirements of the law cited above and do hereby qualify and elect to be given the LOCAL PROCUREMENT PREFERENCE for Bid No.: GPA \_\_\_\_\_  
By filling in this information and placing my signature below, I understand that the Guam Power Authority will review this application and provide me with a determination whether or not the 15% preference will be applied to this bid.
2. I \_\_\_\_\_, representative for \_\_\_\_\_ have read the requirements of the law cited above, and do not wish to apply for the Local Procurement Preference for Bid No.: GPA \_\_\_\_\_.

\_\_\_\_\_  
Bidder Representative Signature

\_\_\_\_\_  
Date

**NOTE:**

Prospective Bidders not completing this form will automatically be not considered for Local Procurement Preference. Non-completion of this form is not a basis for rejection of the bid or proposal.

GOVERNMENT OF GUAM  
GENERAL TERMS AND CONDITIONS  
SEALED BID SOLICITATION AND AWARD

Only those Boxes checked below are applicable to this bid.

1. **AUTHORITY:** This solicitation is issued subject to all the provision of the Guam Procurement Act (5GCA, Chapter 5) And the Guam Procurement Regulations (copies of both are available at the Office of the Complier of laws, Department of Law, copies available for inspection at the Guam Power Authority). It requires all parties involved in the Preparation, negotiation, performance, or administration of contracts to act in good faith.
2. **GENERAL INTENTION:** Unless otherwise specified, it is the declared and acknowledged intention and meaning of these General Terms and conditions for the bidder to provide the Government of Guam (Government) with specified services or with materials, supplies or equipment completely assembled and ready for use.
3. **TAXES:** Bidders are cautioned that they are subject to Guam Income Taxes as well as all other taxes on Guam Transactions. Specific information on taxes may be obtained from the Director of Revenue and Taxation.
4. **LICENSING:** Bidders are cautioned that the Government will not consider for award any offer submitted by a bidder who has not complied with the Guam Licensing Law. Specific information on licenses may be obtained from the Director of Revenue and Taxation.
5. **LOCAL PROCUREMENT PREFERENCE:** All procurement of supplies and services where possible, will be made from among businesses licensed to do business on Guam in accordance with section 5008 of the Guam Procurement Act (5GCA, Chapter 5) and Section 1-104 of the Guam Procurement Regulations.
6. **COMPLIANCE WITH SPECIFICATIONS AND OTHER SOLICITATION REQUIREMENTS:** Bidders shall comply with all specifications and other requirements of the Solicitation.
7. **"ALL OR NONE" BIDS:** Unless otherwise allowed under this Solicitation. "all or none" bids may be deemed to be non-responsive. If the bid is so limited, the Government may reject part of such proposal and award on the remainder.

**NOTE:** By checking this item, the Government is requesting all of the bid items to be bid or none at all. The Government will not award on an itemized basis. Reference: Section 3-101.06 of the Guam Procurement Regulations.

8. **INDEPENDENT PRICE DETERMINATION:** The bidder, upon signing the Invitation for Bid, certifies that the prices in his bid were derived at without collusion, and acknowledge that collusion and anti-competitive practices are prohibited by law. Violations will be subject to the provision of Section 5651 of that of the Guam Procurement Act. Other existing civil, criminal or administrative remedies are not impaired and may be in addition to the remedies in Section 5651 of the Government code.
9. **BIDDER'S PRICE:** The Government will consider not more than two (2) (Basic and Alternate) item prices and the bidder shall explain fully each price if supplies, materials, equipment, and/or specified services offered comply with specifications and the products origin. Where basic or alternate bid meets the minimum required specification, cost and other factors will be considered. Failure to explain this requirement will result in rejection of the bid.
10. **BID ENVELOPE:** Envelope shall be sealed and marked with the bidder's name, Bid number, time, date and place of Bid Opening.
11. **BID GUARANTEE REQUIREMENT:** Bidder is required to submit a Bid Guarantee Bond or standby irrevocable Letter of Credit or Certified Check or Cashier's Check in the same bid envelope to be held by the Government pending award. The Bid Guarantee Bond, Letter of Credit, Certified Check or Cashier's Check must be issued by any local surety or banking institution licensed to do business on Guam and made payable to the Guam Power Authority in the amount of fifteen percent (15%) of his highest total bid offer. The Bid Bond must be submitted on Government Standard Form BB-1 (copy enclosed). Personal Checks will not be accepted as Bid Guarantee. If a successful Bidder (contractor) withdraws from the bid or fails to enter into contract within the prescribed time, such Bid guarantee will be forfeited to the Government of Guam. Bids will be disqualified if not accompanied by Bid Bond, Letter of Credit, Certified Check or Cashier's check. Bidder must include in his/her bid, valid copies of a Power of Attorney from the Surety and a Certificate of Authority from the Government of Guam to show proof that the surety company named on the bond instrument is authorized by the Government of Guam and qualified to do business on Guam. For detailed information on bonding matters, contact the Department of Revenue and Taxation. Failure to submit a valid Power of Attorney and Certificate of Authority on the surty is cause for rejection of bid. (GPR Section 3-202.03.3) Pursuant to Public Law 27-127, all competitive sealed bidding for the procurement of supplies or services exceeding \$25,000.00 a 15% Bid Security of the total bid price must accompany the bid package.
12. **PERFORMANCE BOND REQUIREMENT:** The Bidder may be required to furnish a Performance Bond on Government Standard Form BB-1 or standby irrevocable Letter of Credit or Certified Check or Cashier's Check payable to the Guam Power Authority issued by any of the local Banks or Bonding Institution in the amount equal to FIFTEEN PERCENT (15%) of the contract prices as security for the faithful performance and proper fulfillment of the contract. In the event that any of the provisions of this contract are

violated by the contractor, the Chief Procurement Officer shall serve written notice upon both the contractor and the Surety of its intention to terminate the contract. Unless satisfactory arrangement or correction is made within ten (10) days of such notice the contract shall cease and terminate upon the expiration of the ten (10) days. In the event of any such termination, the Chief Procurement Officer shall immediately serve notice thereof upon the Surety. The Surety shall have the right to take over and perform the contract, provided, however, that if the Surety does not commence performance thereof within 10 days from the date of the mailing of notice of termination, the Government may take over and prosecute the same to complete the contract or force account for the account and at the expense of the contractor, and the contractor and his Surety shall be liable to the Government for any excess cost occasioned the Government thereby (GPR Section 3-202.03.4).

- [X] 13. **PERFORMANCE GUARANTEE:** Bidders who are awarded a contract under this solicitation, guarantee that goods will be delivered or required services performed within the time specified. Failure to perform the contract in a satisfactory manner may cause for suspension or debarment from doing business with the Government and to enforce Section 23 of these General Terms and Conditions. In addition, the Government will hold the Vendor liable and will enforce the requirements as set forth in Section 41 of these General Terms and Conditions.
- [X] 14. **SURETY BONDS:** Bid and Performance Bonds coverage must be signed or countersigned in Guam by a foreign or alien surety's resident general agent. The surety must be an Insurance Company, authorized by the government of Guam and qualified to do business in Guam. Bids will be disqualified if the Surety Company does not have a valid Certificate of Authority from the Government of Guam to conduct business in Guam.
- [X] 15. **COMPETENCY OF BIDDERS:** Bids will be considered only from such bidders who, in the opinion of the Government, can show evidence of their ability, experience, equipment, and facilities to render satisfactory service.
- [X] 16. **DETERMINATION OF RESPONSIBILITY OF BIDDERS:** The Chief Procurement Officer reserves the right for securing from bidders information to determine whether or not they are responsible and to inspect plant site, place of business; and supplies and services as necessary to determine their responsibility in accordance with Section 15 of these General Terms and Conditions (GPR Section 3-401).
- [X] 17. **STANDARD FOR DETERMINATION OF LOWEST RESPONSIBLE BIDDER:** In determining the lowest responsible offer, the Chief Procurement Officer shall be guided by the following:
- a) Price of items offered.
  - b) The ability, capacity, and skill of the Bidder to perform.
  - c) Whether the Bidder can perform promptly or within the specified time.
  - d) The quality of performance of the Bidder with regards to awards previously made to him.
  - e) The previous and existing compliance by the Bidder with laws and regulations relative to procurement.
  - f) The sufficiency of the financial resources and ability of the Bidder to perform.
  - g) The ability of the bidder to provide future maintenance and services for the subject of the award.
  - h) The compliance with all of the conditions to the Solicitation.
- [X] 18. **TIE BIDS:** If the bids are for the same unit price or total amount in the whole or in part, the Chief Procurement Officer will determine award based on Section 3.202.15.2, or to reject all such bids (GPR Section 3-202.15.2).
- [ ] 19. **BRAND NAMES:** Any reference in the Solicitation to manufacturer's Brand Names and number is due to lack of a satisfactory specification of commodity description. Such preference is intended to be descriptive, but not restrictive and for the sole purpose of indicating prospective bidders a description of the article or services that will be satisfactory. Bids on comparable items will be considered provided the bidder clearly states in his bid the exact articles he is offering and how it differs from the original specification.
- [ ] 20. **DESCRIPTIVE LITERATURE:** Descriptive literature(s) as specified in this solicitation must be furnished as a part of the bid and must be received at the date and time set for opening Bids. The literature furnished must clearly identify the item(s) in the Bid. The descriptive literature is required to establish, for the purpose of evaluation and award, details of the product(s) the bidder proposes to furnish including design, materials, components, performance characteristics, methods of manufacture, construction, assembly or other characteristics which are considered appropriate. Rejection of the Bid will be required if the descriptive literature(s) do not show that the product(s) offered conform(s) to the specifications and other requirements of this solicitation. Failure to furnish the descriptive literature(s) by the time specified in the Solicitation will require rejection of the bid.
- [ ] 21. **SAMPLES:** Sample(s) of item(s) as specified in this solicitation must be furnished as a part of the bid and must be received at the date and time set for opening Bids. The sample(s) should represent exactly what the bidder proposes to furnish and will be used to determine if the item(s) offered complies with the specifications. Rejection of the Bid will be required if the sample(s) do not show that the product(s) offered conform(s) to the specifications and other requirements of this solicitation. Failure to furnish the sample(s) by the time specified in the Solicitation will require rejection of the Bid.
- [ ] 22. **LABORATORY TEST:** Successful bidder is required to accompany delivery of his goods with a Laboratory Test Report indicating that the product he is furnishing the Government meets with the specifications. This report is on the bidder's account and must be from a certified Testing Association.
- [X] 23. **AWARD, CANCELLATION, & REJECTION:** Award shall be made to the lowest responsible and responsive bidder, whose bid is determined to be the most advantageous to the Government, taking into consideration the evaluation factors set forth in this solicitation. No other factors or criteria shall be used in the evaluation. The right is reserved as the interest of the Government may require to waive any minor irregularity in bid received. The Chief Procurement Officer shall have the authority to award, cancel, or reject bids, in whole or in part for any one or more items if he determines it is in the public interest. Award issued to the lowest responsible bidder within the specified time for acceptance as indicated in the solicitation, results in a bidding contract without further action by either party. In case of an error in the extension of prices, unit price will govern. It is the policy of the Government to award contracts to qualified local bidders. The government reserves the right to increase or decrease the quantity of the items for award and make additional awards for the same type items and the vendor

agrees to such modifications and additional awards based on the bid prices for a period of thirty (30) days after original award. No. award shall be made under this solicitation which shall require advance payment or irrevocable letter of credit from the government (GPR Section 3-202.14.1).

- [ ] 24. **MARKING:** Each outside container shall be marked with the Purchase Order number, item number, brief item description and quantity. Letter marking shall not be less than 3/4" in height.
- [ ] 25. **SCHEDULE FOR DELIVERY:** Successful bidder shall notify the Guam Power Authority, Dededo Warehouse at (671) 653-2073, Information Technology Division at (671) 648-3060, GPA Transportation Supply at (671) 300-8318 and/or Guam Power Authority Cabras Warehouse at (671) 475-3319 at least twenty-four (24) hours before delivery of any item under this solicitation.
- [ ] 26. **BILL OF SALE:** Successful supplier shall render Bills of Sale for each item delivered under this contract. Failure to comply with this requirement will result in rejection of delivery. The Bill of Sale must accompany the items delivered but will not be considered as an invoice for payment. Supplier shall bill the Government in accordance with billing instructions as indicated on the Purchase Order.
- [ ] 27. **MANUFACTURER'S CERTIFICATE:** Successful bidder is required, upon delivery of any item under this contract, to furnish a certificate from the manufacturer indication that the goods meet the specifications. Failure to comply with this request will result in rejection of delivery payment. Supplier shall bill the Government in accordance with billing instructions as indicated on the Purchase Order.
- [X] 28. **INSPECTION:** All supplies, materials, equipment, or services delivered under this contract shall be subject to the inspection and/or test conducted by the Government at destination. If in any case the supplies, materials, equipment, or services are found to be defective in material, workmanship, performance, or otherwise do not conform with the specifications, the Government shall have the right to reject the items or require that they be corrected. The number of days required for correction will be determined by the Government.
- [ ] 29. **MOTOR VEHICLE SAFETY REQUIREMENTS:** The Government will only consider Bids on motor vehicles which comply with the requirements of the National Traffic and Motor Vehicle safety Act of 1966 (Public Law 89-563) and Clean Air Act as amended (Public Law 88-206), that are applicable to Guam. Bidders shall state if the equipment offered comply with these aforementioned Federal Laws.
- [ ] 30. **SAFETY INSPECTION:** All motor vehicles delivered under this contract must pass the Government of Guam Vehicle Inspection before delivery at destination.
- [ ] 31. **GUARANTEE:**
  - a) **Guarantee of Vehicle Type of Equipment:**

The successful bidder shall guarantee vehicular type of equipment offered against defective parts, workmanship, and performance, for a period of not less than one (1) year after date of receipt of equipment. Bidder shall also provide service to the equipment for at least one (1) year. Service to be provided shall include, but will not be limited to tune ups (change of spark plugs, contact points and condensers) and lubrication (change of engine and transmission oil). All parts and labor shall be at the expense of the bidder. All parts found defective and not caused by misuse, negligence or accident within the guarantee period shall be repaired, replaced, or adjusted within six (6) working days after notice from the Government and without cost to the Government. Vehicular type of equipment as used in this context shall include equipment used for transportation as differentiated from tractors, backhoes, etc.
  - b) **Guarantee of Other Type of Equipment:**

The successful bidder shall guarantee all other types of equipment offered, except those mentioned in 31a, above, against defective parts, workmanship, and performance for a period of not less than three (3) months after date of receipt of equipment. Bidder shall also provide service to the equipment for at least three (3) months. All parts found defective within that period shall be repaired or replaced by the Contractor without cost to the Government. Repairs, adjustments or replacements of defective parts shall be completed by the contractor within six (6) working days after notice from the Government.
  - c) Compliance with this Section is a condition of this Bid.
- [X] 32. **REPRESENTATION REGARDING ETHICS IN PUBLIC PROCUREMENT:** The bidder or contractor represents that it has not knowingly influenced and promises that it will not knowingly influence a Government employee to breach any of the ethical standards and represents that it has not violated, is not violating, and promises that it will not violate the prohibition against gratuities and kickbacks set forth on Chapter 11 (Ethics in Public Contracting) of the Guam Procurement Act and in Chapter 11 of the Guam Procurement Regulations.
- [X] 33. **REPRESENTATION REGARDING CONTINGENT FEES:** The contractor represents that it has not retained a person to solicit or secure a Government contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except for retention of bona fide employees or bona fide established commercial selling agencies for the purpose of securing business (GPR Section 11-207).
- [X] 34. **EQUAL EMPLOYMENT OPPORTUNITY:** Contractors shall not discriminate against any employee or applicant of employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that employees are treated equally during employment without regards to their race, color, religion, sex, or national origin.
- [X] 35. **COMPLIANCE WITH LAWS:** Bidders awarded a contract under this Solicitation shall comply with the applicable standard, provisions, and stipulations of all pertinent Federal and/or local laws, rules, and regulations relative to the performance of this contract and the furnishing of goods.
- [ ] 36. **CHANGE ORDER:** Any order issued relative to awards made under this solicitation will be subject to and in accordance with the provisions of Section 6-101-03.1 of the Guam Procurement Regulations.
- [ ] 37. **STOP WORK ORDER:** Any stop work order issued relative to awards made under this solicitation will be subject to and in accordance with the provisions of Section 6-101-04.1 of the Guam Procurement Regulations.

[X] 38. **TERMINATION FOR CONVENIENCE:** Any termination order for the convenience of the Government issued relative towards made under this solicitation will be subject to and in accordance with the provisions of Section 6-101.10 of the Government Procurement Regulations.

[X] 39. **TIME FOR COMPLETION:** It is hereby understood and mutually agreed by and between the contractor and the Government that the time for delivery to final destination or the timely performance of certain services is an essential condition of this contract. If the contractor refuses or fails to perform any of the provisions of this contract within the time specified in the Purchase Order (from the date Purchase Order is acknowledged by vendor), then the contractor is in default. Defaults will be treated subject to and in accordance with the provisions of Section 6-101-08 of the Guam Procurement Regulations.

[X] 40. **JUSTIFICATION OF DELAY:** Bidders who are awarded contracts under this Solicitation, guarantee that the goods will be delivered to their destination or required services rendered within the time specified. If the bidder is not able to meet the specified delivery date, he is required to notify the Chief Procurement Officer of such delay. Notification shall be in writing and shall be received by the Chief Procurement Officer at least twenty-four (24) hours before the specified delivery date. Notification of delay shall include an explanation of the causes and reasons for the delay including statement(s) from supplier or shipping company causing the delay. The Government reserves the right to reject delay justification if, in the opinion of the Chief Procurement Officer, such justification is not adequate.

[X] 41. **LIQUIDATED DAMAGES:** When the contractor is given notice of delay or nonperformance as specified in Paragraph 1 (Default) of the Termination for Default Clause of this contract and fails to cure in the time specified, the contractor shall be liable for damages for delay in the amount of one-fourth of one percent (1%) of outstanding order per calendar day from date set for cure until either the territory reasonable obtains similar supplies or services if the contractor is terminated for default, or until the contractor provides the supplies or services if the contractor is not terminated for default. To the extent that the contractor's delay or nonperformance is excused under Paragraph 40 (Excuse for Nonperformance or Delayed Performance) of the Termination for Default Clause of this contract, liquidated damages shall not be due the territory. The contractor remains liable for damages caused other than by delay (GPR Section 6-101-09.1).

[X] 42. **PHYSICAL LIABILITY:** If it becomes necessary for the Vendor, either as principal, agent or employee, to enter upon the premises or property of the Government of Guam in order to construct, erect, inspect, make delivery or remove property hereunder, the Vendor hereby covenants and agrees to take, use, provide and make all proper, necessary and sufficient precautions, safeguards and protections against the occurrence of any accidents, injuries or damages to any person or property during the progress of the work herein covered, and to be responsible for, and to indemnify and save harmless the Government of Guam from the payment of all sums of money by reason of all or any such accidents, injuries or damages that may occur upon or about such work, and fines, penalties and loss incurred for or by reasons of the violations of any territorial ordinance, regulations, or the laws of Guam or the United States, while the work is in progress. Contractor will carry insurance to indemnify the Government of Guam against any claim for loss, damage or injury to property or persons arising out of the performance of the Contractor or his employees and agents of the services covered by the contract and the use, misuse or failure of any equipment used by the contractor or his employees or agents, and shall provide certificates of such insurance to the Government of Guam when required.

[X] 43. **CONTACT FOR CONTRACT ADMINISTRATION:** If your firm receives a contract as a result of this Solicitation, please designate a person whom we may contact for prompt administration.

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_ Telephone: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

GOVERNMENT OF GUAM

SEALED BID SOLICITATION INSTRUCTIONS

1. **BID FORMS:** Each bidder shall be provided with two (2) sets of Solicitation forms. Additional copies may be provided upon request. Bidders requesting additional copies of said forms will be charged per page in accordance with Section 6114 of the Government Code of Guam. All payments for this purpose shall be by cash, certified check or money order and shall be made payable to the Guam Power Authority.
2. **PREPARATIONS OF BIDS:**
  - a) Bidders are required to examine the drawings, specifications, schedule, and all instructions. Failure to do so will be at bidder's risk.
  - b) Each bidder shall furnish the information required by the Solicitation. The bidder shall sign the solicitation and print or type his name on the Schedule. Erasures or other changes must be initialed by the person signing the bid. Bids signed by an agent are to be accompanied by evidence of this authority unless such evidence has been previously furnished to the issuing office.
  - c) Unit price for each unit offered shall be shown and such price shall include packing unless otherwise specified. A total shall be entered in the amount column of the Schedule for each item offered. In case of discrepancies between a unit price and extended price, the unit price will be presumed to be correct.
  - d) Bids for supplies or services other than those specified will not be considered. Time, if stated as a number of days, means calendar days and will include Saturdays, Sundays, and holidays beginning the day after the issuance of a Notice to Proceed. Time stated ending on a Saturday, Sunday or Government of Guam legal holiday will end at the close of the next business day.
3. **EXPLANATION TO BIDDERS:** Any explanation desired by a bidder regarding the meaning or interpretation of the Solicitation, drawings, specifications, etc., must be submitted in writing and with sufficient time allowed for a written reply to reach all bidders before the submission of their bids. Oral explanations or instructions given before the award of the contract will not be binding. Any information given to a prospective bidder concerning a Solicitation will be furnished to all prospective bidders in writing as an amendment to the Solicitation if such information would be prejudicial to uninformed bidders.
4. **ACKNOWLEDGEMENT OF AMENDMENTS TO SOLICITATIONS:** Receipt of an amendment to a Solicitation by a bidder must be acknowledged by signing an acknowledgement of receipt of the amendment. Such acknowledgement must be received prior to the hour and date specified for receipt of bids.
5. **SUBMISSION OF BIDS:**
  - a) Bids and modifications thereof shall be enclosed in sealed envelopes and addressed to the office specified in the Solicitation. The bidder shall show the hour and date specified in the Solicitation for receipt, the Solicitation number, and the name and address of the bidder on the face of the envelope.
  - b) Telegraphic bids will not be considered unless authorized by the Solicitation. However, bids may be modified or withdrawn by written or telegraphic notice, provided such notice is received prior to the hour and date specified for receipt (see paragraph 6 of these instructions).
  - c) Samples of items, when required, must be submitted within the time specified, unless otherwise specified by the Government, at no expense to the Government. If not destroyed by testing, samples will be returned at bidder's request and expense, unless otherwise specified by the Solicitation.
  - d) Samples or descriptive literature should not be submitted unless it is required on this solicitation. Regardless of any attempt by a bidder to condition the bid, unsolicited samples or descriptive literature will not be examined or tested at the bidder's risk, and will not be deemed to vary any of the provisions of this Solicitation.
6. **FAILURE TO SUBMIT BID:** If no bid is to be submitted, do not return the solicitation unless otherwise specified. A letter or postcard shall be sent to the issuing office advising whether future Solicitations for the type of supplies or services covered by this Solicitation are desired.
7. **LATE BID, LATE WITHDRAWALS, AND LATE MODIFICATIONS:**
  - a) Definition: Any bid received after the time and date set for receipt of bids is late. Any withdrawal or modification of a bid received after the time and date set for opening of bids at the place designated for opening is late (Guam Procurement Regulations Section 3-202)
  - b) Treatment: No late bid, late modification, or late withdrawal will be considered unless received before contract award, and the bid, modification, or withdrawal would have been timely but for the action or inaction of territorial personnel directly serving the procurement activity.
8. **DISCOUNTS:**
  - a) Notwithstanding the fact that prompt payment discounts may be offered, such offer will not be considered in evaluating bids for award unless otherwise specified in the Solicitation. However, offered discounts will be taken if payment is made within the discount period, even though not considered in the evaluation of bids.
  - b) In connection with any discount offered, time will be computed from date of delivery and acceptance of the supplies to the destination as indicated in the purchase order or contract. Payment is deemed to be made for the purpose of earning the discount on the date of mailing of the Government check.



9. **GOVERNMENT FURNISHED PROPERTY:** No material, labor or facilities will be furnished by the Government unless otherwise provided for in the Solicitation.
10. **SELLERS' INVOICES:** Invoices shall be prepared and submitted in quadruplicate (one copy shall be marked "original") unless otherwise specified. Invoices shall be "certified true and correct" and shall contain the following information: Contract and order number (if any), item numbers, description of supplies or services, sizes, quantities, unit prices, and extended total. Bill of lading number and weight of shipment will be shown for shipments made on Government bills of lading.
11. **RECEIPT, OPENING AND RECORDING OF BIDS:** Bids and modifications shall be publicly opened in the presence of one or more witnesses, at the time, date, and place designated in the Invitation for Bids. The name of each bidder, the bid price, and such other information as is deemed appropriate by the Procurement Officer, shall be read aloud and recorded, or otherwise made available. The names and addresses of required witnesses shall be recorded at the opening. The opened bids shall be available for public inspection except to the extent the bidder designates trade secrets or other proprietary data to be confidential as set forth in accordance with Section 12 below. Material so designated shall accompany the bid and shall be readily separable from the bid in order to facilitate public inspection of the non-confidential portion of the bid. Prices, makes and models or catalogue numbers of the items offered, deliveries, and terms of payment shall be publicly available at the time of bid opening regardless of any designation to the contrary (Guam Procurement Regulations Section 3-202.12.2).
12. **CONFIDENTIAL DATA:** The Procurement Officer shall examine the bids to determine the validity of any requests for nondisclosure of trade secrets and other proprietary data identified in writing. If the parties do not agree as to the disclosure of data, the Procurement Officer shall inform the bidders in writing what portions of the bid will be disclosed and that, unless the bidders protest under Chapter 9 of the Guam Procurement Act (P.L. 16-124), the bids will be so disclosed. The bids shall be opened to public inspection subject to any continuing prohibition on the disclosure of confidential data (Guam Procurement Regulations Section 3-202.12.3).
13. **MULTI-STEP SEALED BIDDING:**
- a. It is defined as two-phase process consisting of a technical first-phase composed of one or more steps in which bidders submit unpriced technical offers to be evaluated by the territory, and a second-phase in which those bidders whose technical offers are determined to be acceptable during the first-step have their priced bids considered. It is designed to obtain the benefits of competitive sealed bidding by award of a contract to the lowest responsive, responsible bidder, and at the same time obtained the benefits of the competitive sealed proposals procedure through the solicitation of technical offers and the conduct of discussions to evaluate and determine the acceptability of technical offers.
  - b. In addition to the requirements set forth in the General Terms and Conditions and the Special provisions, the following applies:
    - 1). only unpriced technical offers are requested in the first phase;
    - 2). priced bids will be considered only in the second phase and only from bidders whose unpriced technical offers are found acceptable in the first phase;
    - 3). the criteria to be used in the evaluation at those specified in the Special Provisions and the General Terms and Conditions;
    - 4). the territory, to the extent the Procurement Officer finds necessary, may conduct oral or written discussion of the unpriced technical offers;
    - 5). the bidders, may designate those portions of the unpriced technical offers which contain trade secrets or other proprietary data which are to remain confidential; and,
    - 6). the service being procured shall be furnished generally in accordance with bidder's technical offer as found to be finally acceptable and shall meet the requirements of the Invitation for Bids.
  - c. **RECEIPT AND HANDLING OF UNPRICED TECHNICAL OFFERS.**  
Unpriced technical offers shall not be opened publicly, but shall be opened in front of two or more procurement officials. Such offers shall not be disclosed to unauthorized persons. Bidders may request nondisclosure of trade secrets and other proprietary data identified in writing.
  - d. **EVALUATION OF UNPRICED TECHNICAL OFFERS.**  
The unpriced technical offers submitted by bidders shall be evaluated solely in accordance with the criteria set forth in the Invitation for Bids. The unpriced technical offers shall be categorized as:
    - 1). acceptable;
    - 2). potentially acceptable, that is, reasonably susceptible of being made acceptable; or
    - 3). unacceptable. The Procurement Officer shall record in writing the basis for finding an offer unacceptable and make it part of the procurement file.

The Procurement Officer may initiate Phase Two of the procedure if, in the Procurement Officer's opinion, there are sufficient acceptable unpriced technical offers to assure effective price competition in the second phase without technical discussions. If the Procurement Officer finds such is not the case, the Procurement Officer shall issue an amendment to the Invitation for Bids or engage in technical discussions as set forth in Subsection 3-202.20.5 of this Section.
  - e. Upon the completion of Phase One, the Procurement Officer shall invite each acceptable bidder to submit a price bid. Upon submission of prices, the Procurement Officer shall prepare the final evaluation and reconsideration for the Chief Procurement Officer's approval.



# GUAM POWER AUTHORITY

ATURIDAT ILEKTRESEDAT GUAHAN  
P O BOX 2977, AGANA, GUAM 96932-2977

December 19, 2020

**To:** Supply Management Administrator  
**From:** Fleet Support Service Manager  
**Subject:** **Planned Procurement for the contracting of Fleet & Fuel Management Software Services for the Authority's fleet OR: 34708**


This is a request for bidding on the contracting of Fleet & Fuel Management Services. The current service contract will expire January 31, 2020. In anticipation of this we are requesting approval for the bidding of a new Fleet & Fuel Management Software Services contract to begin February 1, 2020. The contract term will be for one year with two (2) One (1) year options. Estimated value is \$88,800.00 for base contract; with estimated value of \$88,800.00 per year. The total estimated value of the contract is \$264,000.00. This is currently funded under Transportation's budget for fiscal year 2021 and approved under the O&M Budget.


If you have any questions or concerns, please contact me at 300-8317.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jimmy D. Pangelinan', written over a horizontal line.

Jimmy D. Pangelinan  
Fleet Support Service Manager

Concurred By:   
Melinda R. Mañas, P.E.  
AGMO

Approved By:  12.29.2020  
for John M. Benavente, P.E.  
General Manager

**Melissa C Uncangco**

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**From:** Josephina F. Naputi  
**Sent:** Tuesday, December 29, 2020 12:48 PM  
**To:** Melissa C Uncangco  
**Cc:** Jamie C. Pangelinan  
**Subject:** FW: Planned Procurement for Fleet Tracking services  
**Attachments:** Planned procurement tracking contract 12-23-20.pdf  
  
**Importance:** High

Mel,

Kindly see attached plan procurement for record.

Regards,  
Josephina "Josie" F. Naputi  
Buyer Supervisor II  
Procurement  
Phone: 648-3054/3055  
Fax: 648-3165  
jfnaputi@gpagwa.com

**From:** Candice M. Ananich  
**Sent:** Tuesday, December 29, 2020 12:39 PM  
**To:** Jimmy Pangelinan <jdpangelinan@gpagwa.com>  
**Cc:** Pedro F. Sanchez <pfsanchez@gpagwa.com>; Josephina F. Naputi <jfnaputi@gpagwa.com>  
**Subject:** FW: Planned Procurement for Fleet Tracking services  
**Importance:** High

Good morning gang!

The attached document has been signed by the AGMO/A-GM. Please let me know if you have a problem opening the attachment.

Thank you!

Candice M. Ananich

**From:** Melinda C. Mafnas  
**Sent:** Tuesday, December 29, 2020 11:50 AM  
**To:** Candice M. Ananich <cmananich@gpagwa.com>  
**Subject:** RE: Planned Procurement for Fleet Tracking services  
**Importance:** High

Here you go.  
I haven't seen it from Procurement.

**From:** Candice M. Ananich  
**Sent:** Tuesday, December 29, 2020 9:59 AM  
**To:** Melinda C. Mafnas <[mcamacho@gpagwa.com](mailto:mcamacho@gpagwa.com)>  
**Subject:** FW: Planned Procurement for Fleet Tracking services

Good morning boss!

Did you happen to receive this yet? I don't have it logged in and I don't have a saved scan copy on file.

I'm only asking because it looks like Pedro forwarded it to Procurement, but Jimmy just called me this morning to see if you received it.

If not, please review and sign at your convenience. Other than this, it's been a quiet morning.

Thank you!

Candice M. Ananich

**From:** Jimmy Pangelinan  
**Sent:** Tuesday, December 29, 2020 9:50 AM  
**To:** Candice M. Ananich <[cmananich@gpagwa.com](mailto:cmananich@gpagwa.com)>  
**Subject:** FW: Planned Procurement for Fleet Tracking services

**From:** Pedro F. Sanchez  
**Sent:** Wednesday, December 23, 2020 8:52 AM  
**To:** Josephina F. Naputi <[jfnaputi@gpagwa.com](mailto:jfnaputi@gpagwa.com)>  
**Cc:** Jamie C. Pangelinan <[jpangelinan@gpagwa.com](mailto:jpangelinan@gpagwa.com)>; Jimmy Pangelinan <[jdpangelinan@gpagwa.com](mailto:jdpangelinan@gpagwa.com)>  
**Subject:** Planned Procurement for Fleet Tracking services

Hi Josie,

Please see attached

Thank you

Disclaimer Notice: The information contained in this communication is intended solely for the use of the individual or entity to whom it is addressed and others authorized to receive it. It may contain confidential or legally privileged information. If you are not the intended recipient you are hereby notified that any disclosure, copying, distribution or taking any action in reliance on the contents of this information is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by responding to this email and then delete it from your system. Guam Power Authority is neither liable for the proper and complete transmission of the information contained in this communication nor for any delay in its receipt.

**Melissa C Uncangco**

---

**From:** Jimmy Pangelinan  
**Sent:** Tuesday, December 29, 2020 10:56 AM  
**To:** Melissa C Uncangco  
**Cc:** Josephina F. Naputi; Jamie C. Pangelinan  
**Subject:** Soft File For Fuel Management Bid  
**Attachments:** fleet software soft file.docx

Mel

FYI and comments, please advise if this is acceptable also Sent AGMO planned procurement memo for her concurrence and GM's approval

Jimmy

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**Melissa C Uncangco**

---

**From:** Melissa C Uncangco  
**Sent:** Tuesday, December 29, 2020 7:26 AM  
**To:** Pedro F. Sanchez  
**Cc:** Jimmy Pangelinan; Jamie C. Pangelinan; Josephina F. Naputi; Patty B Camacho; Dawn KP Fejeran; Stephanie M. Tajeron  
**Subject:** OR NO.: 34708, Fleet and Fuel Management Software

<b>Tracking:</b>	<b>Recipient</b>	<b>Delivery</b>
	Pedro F. Sanchez	Delivered: 12/29/2020 7:26 AM
	Jimmy Pangelinan	Delivered: 12/29/2020 7:26 AM
	Jamie C. Pangelinan	Delivered: 12/29/2020 7:26 AM
	Josephina F. Naputi	Delivered: 12/29/2020 7:26 AM
	Patty B Camacho	Delivered: 12/29/2020 7:26 AM
	Dawn KP Fejeran	Delivered: 12/29/2020 7:26 AM
	Stephanie M. Tajeron	Delivered: 12/29/2020 7:26 AM

Good Morning Pedro!

Please provide our office with the soft file (WORD format) for the specification and signed Planned Procurement for OR NO.: 34708, Fleet and Fuel Management Software.

Regards,

*Melissa C. Uncangco*

Melissa C. Uncangco

Buyer II

GPA Procurement Division

☎671-648-3054/55 / Fax: 671-648-3165

✉[muncangco@gpagwa.com](mailto:muncangco@gpagwa.com)

12/28/20 dr

Page 1  
 Date 12/28/20  
 Order No. 34708-000 OR  
 Brn/Plt 59300

Guam Power Authority  
 P U R C H A S E O R D E R

UNCANGCO, MELISSA "MEL"  
 GUAM POWER AUTHORITY-PROCUREMENT OFFICE  
 688 ROUTE 15 - SUITE 100  
 PHONE: (671)648-3054/5 EXT 3049  
 FAX: (671)648-3165  
 MAGILAO  
 GU  
 96913-6203

SHIP TRANSPORTATION SUPPLY  
 TO BEHIND FHP/TAKE CARE CLINIC  
 PLEASE CALL 300-8321 PRIOR TO ALL  
 DELIVERIES  
 TAMUNING  
 GU  
 96931

Ordered 11/17/20 Freight  
 Requested 11/17/20 Taken By  
 Delivery

Description / Supplier Item	Buyer	Ordered	UM	Unit Cost	UM	Extension	Req. Dt	Original Order No	Ty
Other Contractual Services			L	.0000	L		11/17/20		

To provide the Guam Power Authority, Transportation Division with Fleet and Fuel Management Services for 200 vehicles to include web-based software, technical assistance, devices, installation, replacement and/or removal of devices for the Authority's fleet. Commencement shall be February 01, 2021 and expires September 30, 2021 or upon exhaustion of funds, whichever occurs first.

A. GENERAL INFORMATION:

A.1- The Guam Power Authority is soliciting bids from qualified firms for the leasing of web-based software for a fleet management and fuel tracking application, to include technical assistance, fleet management devices. Installation, replacement and/or removal of devices. The successful bidder shall demonstrate the capability of supplying a quality and user friendly software application and to provide reliable technical assistance and services to meet the Authority's needs. Offeror shall provide a complete package to the Guam Power Authority.

A.2- The contract period shall be for one(1) year with two (2)one-year options to renew with the mutual consent of both parties

A.3- Shall provide technical assistance as outlined below; available from 8am to 5pm Monday thru Friday excluding observed Government of Guam Holidays.

B. FLEET MANAGEMENT DEVICES:

B.1- All fleet management devices and/or replacement devices shall be leased to the Authority at a fixed rate for the duration of the contract to include any and all option years exercised.

Guam Power Authority  
PURCHASE ORDER

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Date - 12/28/20  
Order No. - 34708-000 OR  
Bm/Plt - 59300

UNCANGCO, MELISSA "MEL"  
GUAM POWER AUTHORITY-PROCUREMENT OFFICE  
688 ROUTE 15 - SUITE 100  
PHONE: (671)648-3054/5 EXT 3049  
FAX: (671)648-3165  
MAGILAO  
GU  
96913-6203

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96931

Ordered - 11/17/20 Freight -  
Requested - 11/17/20 Taken By -  
Delivery -

Description / Supplier Item	Buyer	Ordered	UM	Unit Cost	UM	Extension	Req. Dt	Original Order No	Qty
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B.2- Warranty for fleet management devices shall be a minimum of one (1) year from installation date and shall include repair, replacement, removal and installation.

B.3- All Fleet Management device installations, removals and/or replacements shall be scheduled and approved; prior to commencement of work by the Authority's Fleet Support Service Manager.

B.4- An initial installation of 180 devices into vehicles designated by the Authority's Fleet Support Services Manager shall commence on or about February 01, 2021 and shall be completed May 01, 2021. All extension request for initial installation must be approved by the Authority's Fleet Support Service Manager.

B.5- The remaining 20 devices shall be installed in designated Authority Vehicles and/or equipment upon the request of the Authority's Fleet Support Service Manager.

B.6- Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.

B.7- Installations, removals and/or replacements that exceed the estimated time frame shall be approved by the Authority's Fleet Support Service Manager prior to the commencement of work.

C. SOFTWARE SERVICES:

C.1- Software Services with technical assistance upon request shall consist of the following:

C.1.1 Provide a complete fleet and fuel management package on a secure web-based application to display and manage data compiled from the fleet management devices and users.



Gum Power Authority  
PURCHASE ORDER

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UNCANGCO, MELISSA "MEL"  
GUM POWER AUTHORITY-PROCUREMENT OFFICE  
688 ROUTE 15 - SUITE 100  
PHONE: (671)648-3054/5 EXT 3049  
FAX: (671)648-3165  
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Requested - 11/17/20 Taken By  
Delivery -

Description / Supplier Item  
Buyer Ordered UM Unit Cost UM Extension Req. Dt Order No Ty Original

- C.1-2 Allow for a minimum of 50 accounts with the ability to program specific levels of access enabling users to monitor specific groups of vehicles, customize vehicle profiles, and access fleets historical data.
- C.1-3 Provide record vehicle service and maintenance data, to include date of next service(preventive maintenance) and safety inspections due, maintain records of all services done
- C.1-4 Provide automated notifications to specified users regarding registration renewal dates and preventive maintenance scheduled dates of vehicles.
- C.1-5 Determine location of vehicles with real-time tracking and updates, both vehicle and driver-specific.
- C.1-6 Enable user to see it's entire fleet on web-based mapping service application and provide zoom-in capabilities to individual vehicles around specified points on web-based map.
- C.1-7 Ability to view multiple map layers and customize map layers.
- C.1-8 Ability to import map layers from outside source.
- C.1-9 Provide real-time tracking of, location, driving speed , operator of vehicle, stopping, idling, time spent at locations, distance traveled, engine hours and route used.
- C.1-10 Maintain and provide upon request historical data of fleet vehicles, to include: location, driving speed, operator of vehicle, stopping, idling, time spent at locations, distance traveled, engine hours and route used.
- C.1-11 Ability to create geographical boundaries (Geo-Fences) that show when vehicles enter or exit areas in real-time, and interactive map feature that includes location to destination navigation with turn-by-turn directions from point A to point B, and record total time spent in zone or area; and create fixed routes to assign specific drivers or vehicles.
- C.1-12 Provide real-time automated vehicle tracking alerts sent to accounts specified by the Authority's Fleet Support

Guam Power Authority  
PURCHASE ORDER

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Brn/Ptc 59300

UNCANGCO, MELISSA "MEL"  
GUAM POWER AUTHORITY-PROCUREMENT OFFICE  
688 ROUTE 15 - SUITE 100  
PHONE: (671)648-3054/5 EXT 3049  
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MAGILAO  
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Ordered - 11/17/20 Freight -  
Requested - 11/17/20 Taken By -  
Delivery -

Description / Supplier Item  
Buyer Ordered UM Unit Cost UM Extension Req. Dt Original Order No Ty

- Service Manager: via email, pop-up notifications on web-based application or by text message.
- C.1-13 Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.
- C.1-14 Provide multiple data-specific reports to include individual trip data by vehicle, distance traveled by vehicle, distance traveled by driver, summary reports of all by group description, service/maintenance history and how often the vehicles are used.
- C.1-15 Provide the following data-specific reports to include, Date of trip, drive (Start & end time), drive (duration), driver, speed (average,top, duration & count), vehicle idle time by minutes, idle time count, travel distance, vehicle/ equipment division and location.
- C.1-16 Provide vehicle mileage reports that include engine hours, driver usage, estimated fuel consumption.
- C.1-17 Provide fuel dispensation tracking report for Authority's Service Truck(Official 6463). Data to include date and time of fuel dispensation, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and personnel who dispensed the fuel.
- C.2- Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, Unlock Vehicle doors, and provide software updates.
- C.3- All Fleet Management historical data shall be maintained for the term of the contract and/or all option years.
- C.3-1 Access; upon request to all historical data, for personnel authorized by the Fleet Support Service Manager.
- D. PRODUCT SUPPORT:

Guam Power Authority  
PURCHASE ORDER

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Date 12/28/20  
Order No. 34708-000 OR  
Brn/Plt 59300

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688 ROUTE 15 - SUITE 100 PLEASE CALL 300-8321 PRIOR TO ALL  
PHONE: (671)648-3054/5 EXT 3049 DELIVERIES  
FAX: (671)648-3165 TAMUNING  
MAGILAO GU  
GU 96931  
96913-6203

SHIP TRANSPORTATION SUPPLY

Ordered - 11/17/20 Freight  
Requested - 11/17/20 Taken By  
Delivery -

Description / Supplier Item Ordered UM Unit Cost UM Extension Req. Dt Order No Ty  
Buyer

D.1- New driver access key step up, access key issuance and issuance tracking.

D.2- Training services for use of the software must be available throughout the duration of the contract. include new employee training and refresher courses.

D.3- All trainings will be coordinated and scheduled by the Guam Power Authority's Transportation division as required.

E. GUARANTEES:

E.1- Dealer shall warrant the software and all auxiliary equipment conforms to the proposed specifications and be free of defects from material, workmanship and title.  
E.2- Manufacturer's brochure/s (original) shall be submitted and attached on bid submittal.

Ref.: 28216 OP

Sales Tax Total Order

Terms Net 30 Days Tax Rc

**RAZZANO WALSH & TORRES, P.C.**  
JOSEPH C. RAZZANO  
JOSHUA D. WALSH  
SUITE 100, 139 MURRAY BLVD.  
HAGÁTÑA, GUAM 96910  
TELEPHONE: (671) 989-3009  
FACSIMILE: (671) 989-8750

**PROCUREMENT APPEAL OF DENIAL OF PROCUREMENT PROTEST  
IN THE OFFICE OF PUBLIC ACCOUNTABILITY**

**PART I.**

In the Appeal of

Track Me Guam, LLC,

Appellant.

DOCKET NO. OPA-PA- 21-002

**NOTICE OF APPEAL**

RECEIVED  
OFFICE OF PUBLIC ACCOUNTABILITY  
PROCUREMENT APPEALS  
DATE: 6/30/2021  
TIME: 3:40  AM  PM BY: MP  
FILE NO OPA-PA: 21-002

## PART II: APPELLANT INFORMATION

Appellant's Name	Track Me Guam, LLC
Appellant's Mailing Address	P.O. Box 218007, Barrigada Guam 96921
Appellant's Business Address	Harmon Mini Storage, 311 East Harmon Industrial Park Road, Unit C, Tamuning, Guam 96913
Appellant Representative's Direct Email Address	maps@trackmeguam.com

Appellant is represented by legal counsel in this appeal. For purposes of this appeal, please direct correspondence to Track Me Guam's ("TrackMe") counsels, Joshua D. Walsh and Edwin J. Torres of Razzano Walsh & Torres, P.C.

Counsel's Mailing Address	139 Murray Blvd. Ste. 100, Hagatna, Guam 96910
Counsel's Telephone	671-989-3009
Counsel's Facsimile	671-989-8750
Counsel's Direct Email Address	jdwalsh@rwtguam.com etorres@rwtguam.com

## PART III: APPEAL INFORMATION

- A. Purchasing Agency: Guam Power Authority.
- B. Solicitation Number: GPA-IFB-024-21.
- C. The Decision being appealed was provided to the Appellant on March 8, 2021. The Decision was made by the Head of the Purchasing Agency, Mr. John M. Benavente, P.E.
- D. This Appeal is made from the Denial of Procurement Protest provided to TrackMe on June 16, 2021.
- E. The name of the only competing offeror known to Appellant is: PTI Pacifica, Inc. dba: IT&E ("IT&E").

## **PART IV: STATEMENT OF GROUNDS FOR APPEAL**

### **A. THE GROUNDS FOR APPEAL**

#### **1. Relevant Procedural and Factual History**

The Guam Power Authority issued Bid Invitation GPA-024-21 seeking Fleet and Fuel Management Software Services for GPA's fleet. Bids were opened on January 28, 2021, and TrackMe was informed on March 8, 2021, that an award was recommended for IT&E.<sup>1</sup> TrackMe initiated an agency level protest on March 12, 2021, as the selection of IT&E under the IFB would mean that GPA would be selecting a non-responsive and ultimately non-responsible bidder, since IT&E's proposed tracking solution for GPA cannot comply with requirement C.1-17 Fuel dispense tracking as specified in the IFB.<sup>2</sup>

Following that initial protest, TrackMe obtained new information discovered on March 29, 2021, following GPA's production of documents to TrackMe, pursuant to a Sunshine Request submitted to GPA with TrackMe's first protest. From the documents produced, TrackMe identified four (4) issues with IT&E's bid that render the bid non-responsive and IT&E non-responsible: (1) inability to comply with requirement C.1-17 of the IFB; (2) inability to comply with requirement B.6 of the IFB; (3) inability to comply with requirement C.1-13; and (4) inability to comply with requirement C.2. Those failures were identified to GPA in TackMe's correspondence

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<sup>1</sup> The Notice to TrackMe that it was not selected for Award is attached to this appeal as **Attachment A**.

<sup>2</sup> TrackMe's Original Protest of March 12, 2021, is attached to this appeal as **Attachment B**.

of April 6, 2021.<sup>3</sup> On June 16, 2021, TrackMe received correspondence from GPA Denying its Protests of March 21 and April 6, 2021.<sup>4</sup> This Notice of Appeal to the OPA followed.

2. **GPA's Protest Decision is Flawed, in that GPA did not substantively engage with the merits of TrackMe's protest, allowed IT&E to answer the question of responsiveness for the agency, and allowed IT&E to supplement its bid response.**

GPA's June 16, 2021, denial of TrackMe's protests did not substantively address the allegations that IT&E's was non-responsive to the IFB. Rather than conduct its own inquiry into the responsiveness of IT&E's submitted bid, GPA instead "requested that IT&E respond to each of the allegations raised" in the protests.<sup>5</sup> GPA then accepted those responses, and denied the protest in a 1 ½ page letter that addressed none to the technical deficiencies raised by the protests. This constituted error by the agency, in that GPA (1) did not conduct its own examination of the merits of TrackMe's protests and instead simply asked IT&E to confirm if IT&E were indeed responsive, and (2) IT&E's supplemental responses to GPA to demonstrate responsiveness constituted an impermissible supplementation of its bid package opened on January 28, 2021.

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<sup>3</sup> That correspondence was sent to GPA on April 6, 2021, and is attached to this Notice of Appeal as **Attachment C**. TrackMe informed GPA in that correspondence that "To the extent that the Guam Power Authority considers these new matters not properly part of TrackMe's first protest submitted on March 12, 2021, GPA should consider this a second protest of Invitation for Bid GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet."

<sup>4</sup> GPA's Protest Denial is attached to this Notice of Appeal as **Attachment D**.

<sup>5</sup> Denial of Protest, pg. 1.

**3. Despite IT&E's assurances to GPA, IT&E's bid is non-responsive to key requirements of the IFB.**

GPA's anemic Protest Denial contained no substantive response to the material technical issues raised in TrackMe's protests. More, the post bid opening supplements by IT&E relied upon by GPA to determine IT&E's responsiveness — documents obtained on June 23, 2021, through Guam's freedom of information Sunshine Act — show that IT&E only addressed its failure to comply with IFB requirement C.1-17, and did not address the other material failings that formed the basis of TrackMe's April 6, 2021, Protest. GPA's failure to address those issues in its Protest decision violates procurement law, and leaves the technical failings of IT&E's submission as further grounds for appeal.

**a. Failure to Comply with Requirement C.1-17.**

IT&E is supplying GPA with "DFM 500D CAN," a differential fuel flow meter with associated software. Requirement C.1-17 mandates that the bidder provide a product that will supply data to include "date and time fuel dispense, amount of fuel dispensed in gallon, vehicle and/or equipment fueled, and personnel who dispensed the fuel." The DFM 500D CAN, however, does not have the capability of identifying what vehicle is being fueled nor the personnel who dispenses the fuel from the vehicle as required by GPA. GPA's IFB specifies a system that can monitor fuel dispensing, but the Wialon branded technology is only for fuel *consumption*, not fuel *dispensing*. More, the fact remains that IT&E's solution can only fulfill the requirements of the IFB by integrating the software proposed by IT&E with a Russian partner hardware solution from a Russian partner unprepared to do work in the United States market.



The DFM 500D CAN also cannot identify who the specific individual is dispensing the fuel. This system requires that the driver of the vehicle is the same person that should fuel the vehicle — a requirement not specified by GPA and contrary to actual practice. IT&E is non-responsive because it requires steps not identified in the IFB. Documents provided by the Agency also shows that the “iButton Key Fob” accessory offered by IT&E provides data on the person dispensing the fuel. The iButton, however, only provides the identity of the driver operating the vehicle. It does not identify the vehicle being fueled nor does it identify the personnel who specifically dispensed the fuel, both of which are key to successfully monitoring the data points set out in C.1-17. Thus, this accessory will not meet the C.1-17 requirement.

Additionally, the DFM 500D CAN only work with vehicles that have diesel fuel engines, not gasoline engines. The manual for the item states the DFM only works for diesel fuel, heating oil, burner oil, motor fuel, biofuel, and other liquid fuels and mineral oils with kinematic viscosity of 1.5 to 6 mm<sup>2</sup>/s.<sup>6</sup> GPA’s vehicle listing identifies only vehicles that use gasoline engines. Installing the DFM 500D CAN will lead to problems that make IT&E a non-responsible bidder. First, installing this onto GPA’s gasoline vehicles may void the warranty for the vehicles. Second, gasoline is highly flammable, and installing this device would be very dangerous.

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<sup>6</sup> The relevant page from the manual, page 14, is attached to this Notice of Appeal as **Attachment E**.

**b. Failure to Comply with Requirement B.6**

The IFB requires that the awardee be able to install the product within one (1) hour starting upon scheduled time of installation and/or replacement. TrackMe's investigation, however, of the DFM 500D CAN identified in GPA's sunshine response, has revealed that the installation time for the DFM 500D CAN is approximately four (4) hours. According to a third party fleet management provider utilizing the DFM 500D CAN, the DFM 500D CAN requires at least four (4) hours to install the product and software. This is clearly more than the one (1) hour mandated by GPA. IT&E's use of the DFM 500D CAN is non-responsive to the B.6 requirement, and the Agency protest denial does not address this issue.

**c. Failure to Comply with Requirement C.1-13**

C.1-13 requires that the bidder provide a system that can produce reports exportable to MX EXCEL, MS Word, CSV, and PDF file formats. MiFleet, IT&E's software, however, can only export to html, PDF, EXCEL, XML, and CSV.<sup>7</sup> See attached picture of MiFleet's export page attached. The exportable formats do not include MS Word. Therefore, IT&E does not comply with C.1-13. IT&E is non-responsive to this requirement, and the Agency protest denial does not address this issue.

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<sup>7</sup> The relevant picture of the MiFleet export page is attached to this Notice of Appeal as **Attachment F**.

**d. Failure to Comply with Requirement C.2**

C.2 requires the bidder provide a system that allows for remote disabling of a vehicle, unlocking of vehicle doors, and issuing of software updates. IT&E notified GPA that it would comply but GPA must “deliver the requirement i.e. older vehicle models may not be able to support fleet tracking application.”<sup>8</sup> IT&E’s further response supplied by GPA’s sunshine request stated “Doing door lock/unlock feature that is controllable through the Electronic Control Unit (ECU) will only be possible with manufacturer’s Programming Guide for the Lock/Unlock for the specific vehicle models provided to IT&E by the Guam Power Authority.”<sup>9</sup> This is not compliant with the C.2 requirement because IT&E is requesting GPA provide an accommodation not specified in the IFB. Nowhere in the IFB does it state GPA will provide access to the ECU if necessary. IT&E is simply non-responsive to this requirement because it requires an extra step not identified in the IFB, and the Agency protest denial does not address this issue.

**B. RULING Requested**

GlidePath respectfully requests that the Office of Public Accountability Order the following:

- (1) That GPA disqualify IT&E from eligibility for Award under this IFB, as IT&E’s proposal was non-responsive and did not materially comply with the technical requirements of the IFB established by GPA;
- (2) That GPA determine IT&E to be a non-responsible offeror given the

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<sup>8</sup> The relevant page from IT&E’s bid submission is attached to this Notice of Appeal as **Attachment G**.

<sup>9</sup> IT&E’s letter dated February 11, 2021, is attached to this Notice of Appeal as **Attachment H**.

inability of its proposed solutions to the IFB to safely and efficiently perform as specified by GPA; and

- (3) That GPA award GPA-IFB-024-21, to TrackMe as the next lowest price responsive bidder to the IFB

**C. SUPPORTING EXHIBITS, EVIDENCE OR DOCUMENTS**

Submitted with this appeal are the following supporting exhibits, evidence, and documents:

- (1) The Notice to TrackMe that it was not selected for Award is attached as **Attachment A**.
- (2) TrackMe's Original Protest of March 12, 2021, is attached as **Attachment B**.
- (3) Correspondence sent to GPA on April 6, 2021, is attached as **Attachment C**.
- (4) GPA's Protest Denial is attached as **Attachment D**.
- (5) DFM Fuel Flow Meters Manual, page 14, is attached as **Attachment E**.
- (6) MiFleet export page is attached as **Attachment F**.
- (7) The relevant page from IT&E's bid submission is attached as **Attachment G**.
- (8) IT&E's letter dated February 11, 2021, is attached to this Notice of Appeal as **Attachment H**.


TrackMe anticipates providing further documentation, including independent expert engineering reports, to substantiate its claims as GPA submits the full contracting procurement record to the OPA, and allows TrackMe to review the procurement record in full.

**PART V: DECLARATION RE COURT ACTION**

Pursuant to 5 GCA Chapter 5, unless the court requests, expects, or otherwise expresses interest in a decision by the Public Auditor, the Office of Public Accountability will not take action on any appeal where action concerning the protest or appeal has commenced in any court. The undersigned party does hereby confirm that to the best of his knowledge, no case or action concerning the subject of this Appeal has been commenced in court. The undersigned party agrees to notify the Office of Public Accountability within 24 hours if court action commences regarding this Appeal or the underlying procurement action.

**Respectfully submitted** this 30th day of June, 2021.

**RAZZANO WALSH & TORRES, P.C.**

By:   
\_\_\_\_\_  
**JOSHUA D. WALSH**  
**EDWIN J. TORRES**  
*Attorneys for Appellant*  
*Track Me Guam, LLC*

# **EXHIBIT A**



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÅHAN  
P.O. BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

## BID STATUS

March 08, 2021

Allan Delos Santos  
General Manager  
Track Me Guam, LLC dba: TrackMe! Guam  
P.O. Box 218007  
Barrigada, Guam 96921

**BID INVITATION:** GPA-024-21

**OPENED:** January 28, 2021

**DESCRIPTION:** Fleet and Fuel Management Software Services for the Authority's Fleet

The following is the result of the above-mentioned bid. Refer to items checked below.

- Cancelled (in its entirety), or partially canceled due to:**
- Insufficient funds;
  - Change of specifications;
  - Best interest of the Government;
- Not Awarded due to:**
- Late submission of bid;
  - No bid security or insufficient bid security amount submitted: as required by Section 11 of the General Terms and Conditions;
  - Not meeting the delivery requirements as stated in the IFB;
  - Non-conformance with the specifications;
  - Inability to provide future maintenance and services to the equipment;
  - High price; Line Item No.: 1.0; \$9,338.46/Monthly
  - Others:

Bid is recommended for award to PTI Pacifica, Inc. dba: IT&E for Line Item No.: 1.0 in the total amount of \$33,768.00 (April 01, 2021 through September 30, 2021).

The Guam Power Authority greatly appreciates your interest and participation in our bids.

  
for JOHN M. BENAVENTE, P.E.  
General Manager 

# **EXHIBIT B**





Via Hand Delivery and Email

March 12, 2021

John M. Benavente, P.E.  
General Manager  
Guam Power Authority  
Post Office Box 2977  
Hagåtña, Guam 96932-2977



**BID PROTEST, NOTICE OF TRIGGER FOR AUTOMATIC STAY, and SUNSHINE ACT REQUEST**

Re: Invitation for Bid GPA-024-21

Fleet and Fuel Management Software Services for the Authority's Fleet

Dear Mr. Benavente;

**Bid Protest**

Track Me Guam, LLC ("TrackMe" or the "Bidder") respectfully submits this protest of Invitation for Bid GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet (the "Protest").

On January 8, 2021, GPA issued Invitation for Bid GPA-024-21 (the "IFB"). On March 11, 2021, TrackMe was notified by the Guam Power Authority ("GPA") that TrackMe was not selected by GPA for award. Instead, GPA's notice explains that GPA has recommended award to PTI Pacifica, Inc. dba IT&E ("IT&E") because of their lower price. As was relayed in our prior communications to GPA, the selection of IT&E under this IFB would mean that GPA would be selecting a non-responsive and non-responsible bidder, since IT&E's proposed tracking solution cannot comply with requirement C.1-17 Fuel dispense tracking as specified in the IFB. Our past correspondence with GPA explaining this problem is attached to this protest letter. GPA responded to our expressions of concern on March 5 explaining that evaluation of the proposals was ongoing. Unfortunately, GPA moved ahead with a decision to make an award to IT&E. While that notice is dated March 8, 2021, it was not provided to us until March 11, 2021.

As we explained previously to GPA, the supplier of the software offered by IT&E has made it clear the software cannot accomplish the bid requirements, and that the only way to potentially fulfill the requirements would be to integrate that software with a Russian partner hardware solution from a Russian partner unprepared to do work in the United States market. Despite this, GPA has chosen to award the IFB to IT&E. Because of this, TrackMe is compelled to protest the award to IT&E. IT&E's bid of



software that cannot fulfill the material requirements of the IFB renders their bid non-responsive to the IFB. More, since IT&E's bid is dependent on software that does not exist and that must be mated to Russian hardware unsuitable for the United States, IT&E is a non-responsive bidder and cannot perform the requirements of the IFB. This is unsurprising, given IT&E's relatively recent attempted entry into the tracking industry.

#### **Requested Remedy by GPA**

It is clear from IT&E's own supplier that IT&E submitted a technically unacceptable bid. GPA appears to have simply ignored that software deficiency. TrackMe respectfully requests that GPA review the matter thoroughly as was indicated on March 5, 2020, reject IT&E's submission, and award the IFB to TrackMe as the next lowest responsive and responsible bidder.

#### **Sunshine Act Request**

In addition to our Protest, TrackMe requests that GPA provide to the company the complete Procurement Record kept for the IFB, including any record of investigation that followed our expressions of concern to GPA about IT&E's ability to fulfill the requirements of the IFB.

\*\*\*

TrackMe has been honored to serve as GPA's vendor for tracking services for over 5 years, and we would welcome the opportunity to discuss this protest with the Agency, as well as the remedy we have requested in order to resolve this Protest. We are available to discuss this letter, its Protest, or other matters related to the IFB with GPA at any time. We understand how a protest like this triggers the automatic stay of procurement provisions under Guam law and halts the selection process. We look forward to the opportunity to find an agreeable resolution to this Protest in as expeditious a manner as can be achieved so that the stay can be lifted, and the process can continue.

Sincerely,

  
Yosi Veksler  
PRESIDENT TRACK ME

Enclosures: Correspondence with GPA re: IT&E software supplier.

# **EXHIBIT C**



Via Hand Delivery and Email

April 6, 2021

John M. Benavente, P.E.  
General Manager  
Guam Power Authority  
Post Office Box 2977  
Hagåtña, Guam 96932-2977



### BID PROTEST

Re: Invitation for Bid GPA-024-21

Fleet and Fuel Management Software Services for the Authority's Fleet

Dear Mr. Benavente;

#### Bid Protest Supplement

Track Me Guam, LLC ("TrackMe" or the "Bidder") respectfully submits additional information confirming the non-responsible/non-responsive nature of IT&E's bid for GPA-024-21 (the "IFB"). To the extent that the Guam Power Authority considers these new matters not properly part of TrackMe's first protest submitted on March 12, 2021, GPA should consider this a second protest of Invitation for Bid GPA-024-21, Fleet and Fuel Management Software Services for the Authority's Fleet (the "Protest").

On January 8, 2021, GPA issued Invitation for Bid GPA-024-21 (the "IFB"). On March 11, 2021, TrackMe was notified by the Guam Power Authority ("GPA") that TrackMe was not selected by GPA for award. Instead, GPA's notice explains that GPA has recommended award to PTI Pacifica, Inc. dba IT&E ("IT&E") because of their lower price. On March 11, 2021, TrackMe submitted its first protest to GPA regarding fatal deficiencies in IT&E's bid. TrackMe has yet to receive a decision from GPA regarding that first protest.

This supplemental information / second protest is based on new information discovered on March 29, 2021 following GPA's production of documents to TrackMe on March 25, 2021, pursuant to a Sunshine Request submitted to GPA with TrackMe's first protest. From the documents produced, TrackMe has identified four (4) more issues with IT&E's bid that render the bid non-responsive and IT&E non-responsible: (1) inability to comply with requirement C.1-17 of the IFB; (2) inability to comply with requirement B.6 of the IFB; (3) inability to comply with requirement C.1-13; and (4) inability to comply with requirement C.2.

#### Failure to Comply with Requirement C.1-17

GPA's response to the Sunshine Request shows that IT&E is supplying GPA with "DFM 500D CAN," a differential fuel flow meter. Requirement C.1-17 mandates that the bidder provide a product that will supply data to include "date and time fuel dispense, amount of fuel dispensed in gallon, vehicle and/or



equipment fueled, and personnel who dispensed the fuel.” The DFM 500D CAN, however, does not have the capability of identifying what vehicle is being fueled nor the personnel who dispenses the fuel into the vehicle. This product is also only for monitoring fuel consumption, not fuel dispensing. The manual, attached here for GPA’s review, demonstrates that the DFM 500D CAN is only for fuel *consumption*, and not fuel *dispensing*. Nowhere in the manual does it provide a method to identify how much fuel is dispensed.

The DFM 500D CAN also cannot identify who the specific individual is dispensing the fuel. The documents produced by GPA pursuant to the Sunshine Request reveals that GPA will provide the “iButton Key Fob” accessory to provide data on the person dispensing the fuel. The iButton alone, however, only provides the identity of the driver operating the vehicle. It does not identify the vehicle being fueled nor does it identify the personnel who specifically dispensed the fuel. Thus, this accessory will not meet the C.1-17 requirement.

Additionally, the DFM 500D CAN only works with vehicles that have diesel fuel engines, not gasoline engines. The manual states the DFM only works for diesel fuel, heating oil, burner oil, motor fuel, biofuel, and other liquid fuels and mineral oils with kinematic viscosity of 1.5 to 6 mm<sup>2</sup>/s. See Manual, pg. 14. GPA’s vehicle listing identifies vehicles that use gasoline engines. Installing the DFM 500D CAN will lead to problems that make IT&E a non-responsible bidder. First, installing this onto GPA’s gasoline vehicles may void the warranty for the vehicles. Second, gasoline is highly flammable, and installing this device would be very dangerous.

#### **Failure to Comply with Requirement B.6**

The IFB requires that the awardee be able to install the product within one (1) hour starting upon scheduled time of installation and/or replacement. TrackMe’s investigation, however, of the DFM 500D CAN, identified in GPA’s sunshine response, has revealed that the installation time for the DFM 500D CAN is at a minimum of four (4) hours and could last as long as several days. According to a third party fleet management provider utilizing the DFM 500D CAN, the DFM 500D CAN requires at a minimum of (4) hours to install the product. See attached screenshot of a third party management software provider (Navixy) utilizing the DFM 500D CAN that states the installation time from four (4) hours to several days. This is clearly more than the one (1) hour mandated by GPA. IT&E’s use of the DFM 500D CAN is non-responsive to the B.6 requirement.

#### **Failure to Comply with Requirement C.1-13**

C.1-13 requires that the bidder provide a system that can produce reports exportable to MS EXCEL, MS Word, CSV, and PDF file formats. MiFleet, IT&E’s software, however, can only export to html, PDF, EXCEL, XML, and CSV. See attached picture of MiFleet’s export page attached. The exportable formats do not include MS Word. Therefore, IT&E does not comply with C.1-13. IT&E is non-responsive to this requirement.

#### **Failure to Comply with Requirement C.2**

C.2 requires the bidder provide a system that allows for remote disabling of a vehicle, unlocking of vehicle doors, and issuing of software updates. IT&E notified GPA that it would comply but GPA must



“deliver the requirement i.e. older vehicle models may not be able to support fleet tracking application.” IT&E’s further response supplied by GPA’s sunshine request stated “Doing door lock/unlock feature that is controllable through the Electronic Control Unit (ECU) will only be possible with manufacturer’s Programming Guide for the Lock/Unlock for the specific vehicle models provided to IT&E by the Guam Power Authority.” This is not compliant with the C.2 requirement because IT&E is requesting GPA provide an accommodation not specified in the IFB. Nowhere in the IFB does it state GPA will provide access to the ECU if necessary. IT&E is simply non-responsive to this requirement because it requires an extra step not identified in the IFB.

#### **Requested Remedy by GPA**

It is further clear from the sunshine response from GPA that IT&E submitted a technically unacceptable bid. GPA appears to have simply ignored multiple deficiencies that render IT&E non-responsive and non-responsible for this project. TrackMe respectfully requests that GPA review the matter thoroughly, reject IT&E’s submission, and award the IFB to TrackMe as the next lowest responsive and responsible bidder.

\*\*\*

As TrackMe highlighted in its first protest, TrackMe has been honored to serve as GPA’s vendor for tracking services for over 5 years, and we would welcome the opportunity to discuss both this protest and the first protest with the Agency, as well as the remedy we have requested in order to resolve this Protest. We are available to discuss this letter, both protests, or other matters related to the IFB with GPA at any time. We understand that an automatic stay of procurement under Guam law and has already been issued by GPA. We look forward to the opportunity to find an agreeable resolution to this Protest in as expeditious a manner as can be achieved so that the stay can be lifted, and the process can continue.

Sincerely,

  
PRESIDENT TRACK ME

Enclosures: DFM 500D CAN Manual, MiFleet Export page, Third Party Fleet Management Software Provider (Navixy) page

# **EXHIBIT D**



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN  
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

Tel: (671) 648-3225; Fax: 648-3290

PLEASE ACKNOWLEDGE  
RECEIPT BY SIGNING BELOW  
AND RETURN TO STEPHANIE  
TAJERON BY EITHER FAX NO.:  
(671) 648-3165 OR EMAIL  
smtajeron@gpagwa.com.

## *DENIAL OF PROCUREMENT PROTEST* PRINT/SIGNATURE DATE

June 10, 2021

COMPANY

VIA E-mail: trackme@trackmeguam.com

APPRECIATE YOUR IMMEDIATE  
RESPONSE. THANK YOU.

Mr. Yosi Veksler  
Track Me Guam, LLC  
321 E. Harmon Ind Park Rd, Warehouse 6A  
Tamuning, Guam 96913

RE: Guam Power Authority's Response to Track Me Guam, LLC's Protest dated March 12, 2021, for GPA-IFB-024-21, Fleet and Fuel Management Software Services

Dear Mr. Veksler:

I have reviewed your protest letter dated March 12, 2021, and April 6, 2021, protesting the Guam Power Authority's (GPA) proposed award to PTI Pacifica, Inc. dba IT&E. Your Protest is hereby denied for the following reasons:

1. You indicated in your letter that you believe that PTI Pacifica, Inc. dba IT&E's bid should not be considered as you allege that the PTI Pacifica, Inc. dba IT&E bid is non-compliant with the requirements of the bid package. GPA reviewed the responses provided by IT&E and has determined that it meets the bid requirements. GPA requested that IT&E respond to each of the allegations raised that it did not meet the bid specifications, and IT&E provided responses which were reviewed by the bid evaluation committee which determined the bid specifications were met by IT&E. GPA reviewed the bid packages and provided a notice of intent to award to the lowest responsible and **responsive** bidder. A responsive bidder is a person who has submitted a bid which conforms in all material respects to the Invitation for Bids. 5 GCA §5201(g) and 2



a bid which conforms in all material respects to the Invitation for Bids. 5 GCA §5201(g) and 2 GAR, Div. 4, Chap. 3, §3109(n)(2).

2. GPA has determined that PTI Pacifica, Inc. dba IT&E should be awarded the bid for Fleet and Fuel Management Software Services, as they were deemed to be the lowest, responsive and responsible bidder. The PTI Pacifica, Inc. dba IT&E bid was responsive to the IFB and complied with the specifications set forth in the IFB. Therefore, GPA hereby finds that there is no merit to the Track Me Guam, LLC's claim that their bid was the lowest **responsive** bid, and the Track Me Guam, LLC's bid was properly rejected due to high price.

Track Me Guam, LLC is hereby ON NOTICE that this is the Guam Power Authority's final decision concerning Track Me Guam, LLC's March 12, 2021, and April 6, 2021, protest for the above described IFB. You are hereby advised that Track Me Guam, LLC has the right to seek judicial review.

Sincerely,

  
JOHN M. BENAVENTE, P.E.  
General Manager

# **EXHIBIT E**

**Distinctive design features of DFM fuel flow meters:**

- DFM structure provides fluid flow even in case the ring is blocked (e.g. as a result of clogging of the chamber);
- special coating of the ring ensures its durability and wear resistance;
- measuring chamber is made of durable and lightweight zinc-aluminum (ZA) alloy;
- built-in mud filter effectively protects the chamber from clogging. Filter can be removed and cleaned without disassembling the body of the DFM;
- M14x1.5 and M16x1.5 threaded fittings allow DFM mounting on any automotive vehicles without any special adapters;
- increased nominal bore for minimum fuel flow hydraulic resistance;
- improved magnetic circuit reduces sensitivity to hydraulic shocks in the engine fuel system.

**1.6 Technical specifications****1.6.1 Working fluids**

DFM can be used for following fluids flow measurement:

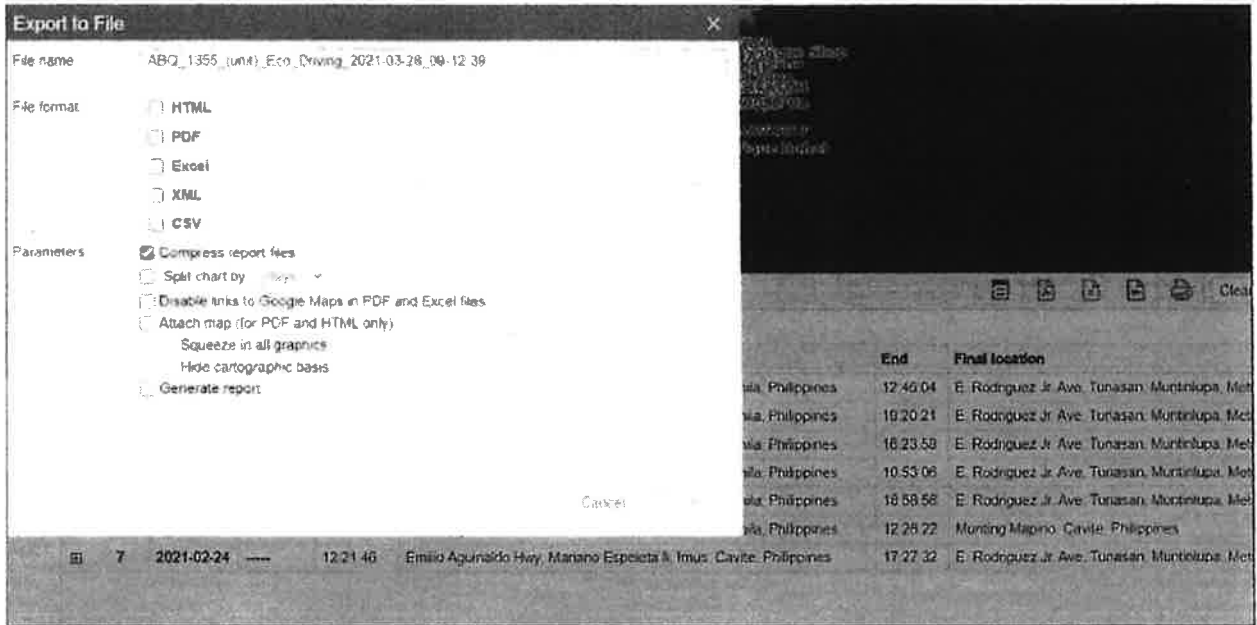
- diesel fuel (GOST 305, STB 1658);
- heating oil (GOST 10585);
- burner oil (GOST 10585, STB 1906);
- motor fuel (GOST 1667);
- biofuel (GOST R 52808, STB 1658);
- Other liquid fuels and mineral oils with kinematic viscosity of 1.5 to 6 mm<sup>2</sup>/s.

**Attention!**

- 1) All DFM are verified with diesel fuel. Indicate viscosity when ordering DFM for measuring different fluid type.
- 2) When operating with fluids having kinematic viscosity over 6 mm<sup>2</sup>/s the upper limit of DFM capacity range will get lower than nominal one and the pressure drop will increase.
- 3) Impurities size should not exceed 0.08 mm.
- 4) DFM flow meters are made of petrol resistant materials. However the declared lifetime of the measuring chamber is not guaranteed when operating with petrol (see 1.6.3).

# **EXHIBIT F**

### MIFleet Export Page



The screenshot shows the 'Export to File' dialog box with the following details:

- File name:** ABQ\_1355\_(unit)\_Eco\_Driving\_2021-03-28\_00-12-39
- File format:**
  - HTML
  - PDF
  - Excel
  - XML
  - CSV
- Parameters:**
  - Compress report files
  - Split chart by *Days*
  - Disable links to Google Maps in PDF and Excel files
  - Attach map (for PDF and HTML only)
    - Squeeze in all graphics
    - Hide cartographic basis
  - Generate report

Below the dialog box, a table displays the following data:

	End	Final location
ia, Philippines	12:46:04	E. Rodriguez Jr. Ave. Tinasan, Muntinlupa, Met
ia, Philippines	19:20:21	E. Rodriguez Jr. Ave. Tinasan, Muntinlupa, Met
ia, Philippines	18:23:58	E. Rodriguez Jr. Ave. Tinasan, Muntinlupa, Met
ia, Philippines	10:53:06	E. Rodriguez Jr. Ave. Tinasan, Muntinlupa, Met
ia, Philippines	18:58:58	E. Rodriguez Jr. Ave. Tinasan, Muntinlupa, Met
ia, Philippines	12:28:22	Muning Mapino, Cavite, Philippines
7	2021-02-24	12:21:46 Emilio Aguinaldo Hwy, Mariano Espeleta II, Imus, Cavite, Philippines
		17:27:32 E. Rodriguez Jr. Ave. Tinasan, Muntinlupa, Met

# **EXHIBIT G**

**INVITATION FOR BID NO.: GPA-024-21**  
**Requisition No.: 34708**

NO.	DESCRIPTION	QTY, U/I	MONTHLY:	ANNUALLY:
C.1-13	Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.			Comply
C.1-14	Provide multiple data-specific reports to include individual trip data by vehicle, distance traveled by vehicle, distance traveled by driver, summary reports of all by group description, service/maintenance history and how often the vehicles are used.			Comply
C.1-15	Provide the following data-specific reports to include, date of trip, drive (start & end time), drive (duration), driver, speed (average, top, duration & count), vehicle idle time by minutes, idle time count, travel distance, vehicle/equipment division and location.			Comply
C.1-16	Provide vehicle mileage reports that include engine hours, driver usage, estimated fuel consumption.			Comply
C.1-17	Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include date and time of fuel dispense, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and <u>personnel who dispensed the fuel.</u>			Comply. IT&E solution can provide the required reports based on the tracking mechanism of the vehicle being fueled and through the fuel card assignment.
C.2 -	Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates.			Comply. Vehicle must be able to support the application to deliver the requirement. i.e. older vehicle models may not be able to support fleet tracking applications.
C.3 -	All Fleet Management historical data shall be maintained for the term of the contract and/or all option years.			Comply
C.3-1	Access; upon request to all historical data, for personnel authorized by the Fleet Support Service Manager.			Comply
D.	<b>PRODUCT SUPPORT:</b>			<b>COMPLY / NON-COMPLIANCE:</b>
D.1 -	New driver access key step up, access key issuance and issuance tracking			Comply
D.2 -	Training services for use of the software must be available throughout the duration of the contract, include new employee training and refresher courses.			Comply
D.3 -	All trainings will be coordinated and scheduled by the Guam Power Authority's Transportation Division as required.			Comply
E.	<b>GUARANTEES:</b>			<b>COMPLY / NON-COMPLIANCE:</b>
E.1 -	Dealer shall warrant the software and all auxiliary equipment conforms to the proposed specifications and be free of defects from material, workmanship and title.			Comply
E.2 -	Manufacturer's brochure/s (original) shall be submitted and attached on bid submittal.			Comply

# **EXHIBIT H**



**EXPLORE  
YOUR  
WORLD**



February 11, 2021

Jamie L.C. Pangelinan  
Supply Management Administrator  
Guam Power Authority  
688 Route 15, Suite 100  
Mangilao, Guam 96913

Dear Ms. Pangelinan,

Please see clarifications below for GPA-024-21:

1. **Page 6 of 23, C.1-17- Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include date and time of fuel dispense, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and personnel who dispensed the fuel. Please confirm that your company will be providing all necessary equipment and/or devices to meet the required specification.**
  - a. Yes, IT&E will be able to provide all hardware. We will need to know exactly what hardware will remain with fuel tank and what will be removed from the previous solution. For example, is the current flow meter built into the fuel tanker, or will it be removed. Typically, if it is a fuel tanker and its purpose is refueling, it should have its own flow monitor put in place by the fuel tank manufacturer. If the previous solution provider removes the flow meter, since it is most likely inline, wouldn't it completely disable the fueling capability of the tanker? If the flow meter belongs to the previous solution provider, would they be replacing it with original factory flow meter?
2. **Page 6 of 23, C.2- Provide web-based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates. Please clarify what specific specifications would not be met and what vehicles and/or equipment's would not be supported.**
  - a. Over the Air updates are a standard feature on IT&E's MiFleet solution. Doing a door lock/unlock feature that is controlled through the Electronic Control Unit (ECU) will only be possible with the manufacturer's Programming Guide for the Lock/Unlock feature for the specific vehicle models, provided to IT&E by the Guam Power Authority. However, a door lock/unlock enable/disable feature could be done, where instead of remotely unlocking/locking the doors, we would be able to disable/enable power to the lock/unlock control unit (by cutting power to the door control unit).
3. **Brochure under Mifleet White Glove Support POST – SALES SUPPORT**
  - a. Out of the box call when devices are installed (five days)
    - i. Yes. Remote platform training, customizations for real-time notifications, reports, and automatic reports.
  - b. Follow up call to make sure all reports are being utilized (one month)
    - i. Yes, IT&E will provide, to include follow-up customizations to platform views.

**EXPLORE  
YOUR  
WORLD**



Continued

- c. Follow up touch points throughout the next 12 months and beyond to check in and see if they require additional devices (3,6,9,12 months)
  - i. Yes, IT&E will provide, to include follow-up customizations to platform views.
- d. Please confirmed that technical support services are available for the entirety of the contract to include any and all exercised option years.
  - i. Yes, hardware and platform support.

Please let me know if the responses above addresses your concerns. We are looking forward to working with your team on the solutions. May I add, in the event that IT&E is considered, and because we are not the current provider, soonest notification or intent to award will be appreciated. This will allow us to position our inventory and resources to meet the Agency's deadline.

My Best Regards,

*Auriann C.*  
Auriann Camacho  
Business Account Manager  
PTI Pacifica, Inc. dba IT&E  
671 456-2874

# Fleet & Fuel Management Solution

TrackMe Guam, LLC.  
September 2021

# GPA Requirements

- **B.6** - Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.
- **C.1-13** Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.
- **C.1-17** Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include date and time of fuel dispense, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and personnel who dispensed the fuel.
- **C.2** - Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates.

# B.6

Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.

# GPA Requirements


- B.6 - Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.

TrackMe: In more than 5 years that we provide Fleet & Fuel Management Solution with GPA we are confident that we are able to meet this requirement.

# GPA Requirements

- B.6 - Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.

IT&E will use DFM 500D CAN Fuel sensor as part of their solution identified in GPA's sunshine response.

<b>Fuel Flow Meter</b>	
<b>DFM 500D CAN</b>	
	
<b>Description</b>	Differential fuel flow meter.
<b>Type of wired output:</b>	CAN – CAN 2.0B interface
<b>Expedition time:</b>	7 business days
<b>Two-chamber (differential) flow meter for fuel consumption measurement and engine operation time tracking.</b>	
<b>Flow rate per chamber: 100-500 L/h</b>	
<b>Output signal: CAN j1939/S6</b>	

Pictures acquired from IT&E through sunshine request

# GPA Requirements

- B.6 - Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.

According to a third party fleet management provider utilizing the DFM 500D CAN, the DFM 500D CAN requires at a minimum of **(4) hours to several days** to install the product.

## Flow meter vs Fuel level sensor

To solve tasks related to fuel control, your end customers or partners can choose between a flow meter (FM) and a fuel level sensor (FLS). To help them choose, we recommend first looking at the key features:

Indicator	FLS	FM
The amount of fuel in the tank	Yes	No
Fuel fillings and draining	Yes	No
Fuel consumption per time period	Yes	Yes
Average fuel consumption for ex., /100km	Yes	Yes
Fuel control when driving on rough terrain	Yes. It's recommended to install two or more FLS in each tank.	Yes
Fuel control during a long-lasting inclinations (for ex., asphalt milling machines, interfaces for connection with a GPS tracker	Yes. It's recommended to install two or more FLS in each tank. Analog, Frequency, RS-232, RS-485, CAN	Impulse, RS-232, RS-485, CAN
Changes to the fuel line	Not required	Required. Changes to fuel system are required in some cases
Calibration	Required	Not required
Installation time	4 hrs approx.	from 4 hrs to several days
Equipment price	from -46 to 155 US\$	from 232 to 697 US\$

<https://www.navyx.com/docs/academy/fuel-control/fuel-flow-meter/>



## Flow meter vs Fuel level sensor

To solve tasks related to fuel control, your end customers or partners can choose between a flow meter (FM) and a fuel level sensor (FLS). To help them choose, we recommend first looking at the key features:

Indicator	FLS	FM
The amount of fuel in the tank	Yes	No
Fuel fillings and draining	Yes	No
Fuel consumption per time period	Yes	Yes
Average fuel consumption for ex., /100km	Yes	Yes
Fuel control when driving on rough terrain	Yes. It's recommended to install two or more FLS in each tank.	Yes
Fuel control during a long-lasting inclinations (for ex., asphalt milling machines).	Yes. It's recommended to install two or more FLS in each tank.	Yes
Interfaces for connection with a GPS tracker	Analog, Frequency, RS-232, RS-485, CAN	Impulse, RS-232, RS-485, CAN
Changes to the fuel line	Not required	Required. Changes to fuel system are required in some cases
Calibration	Required	Not required
Installation time	4 hrs approx.	From 4 hrs to several days
Equipment price	from 46 to 155 US\$	from 232 to 697 US\$



To sum up:  
**FLS is cheaper and easier to install**  
**FLS allows to control more parameters**

Tracking 3.0 **NEW**

# GPA Requirements

- **B.6** - Estimated installation, removals and/or replacement of a single device shall be one (1) hour starting upon scheduled time of installation and/or replacement.

GPA provided 3 binders as sunshine response. However, there's no answer in any part of the binder for B.6 protest.

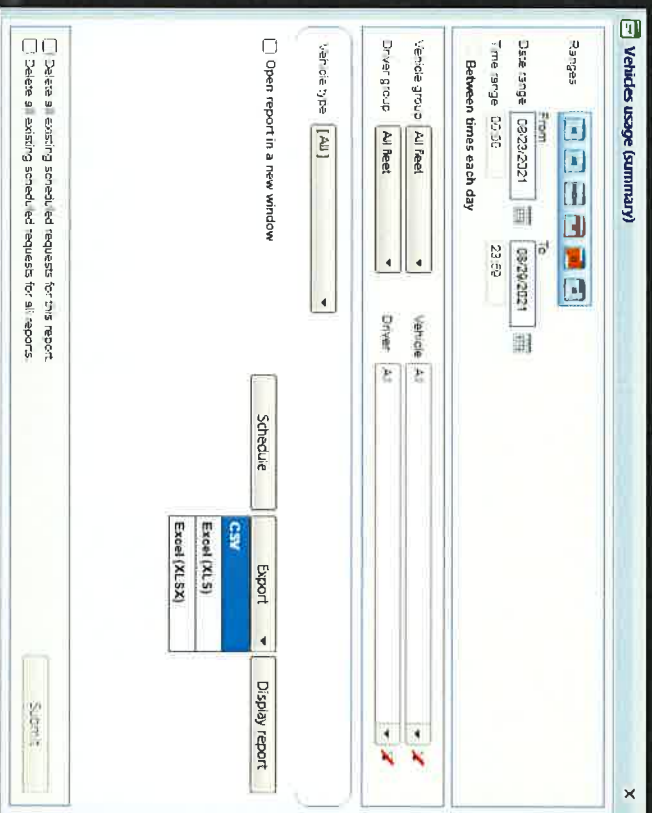
# C.1-13

Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.

# GPA Requirements

- C.1-13 Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.

TrackMe can export all types of reports required by GPA including MS Word.



# GPA Requirements

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TrackMe can export all types of reports required by GPA including MS Word.

The screenshot shows the TrackMe software interface with a report titled "Vehicles usage (summary)". The report is a table with the following columns: ID, Vehicle, Plate number, Group, Word, Start, End, Start, End, and Odometer. A dropdown menu is open over the "Word" column, showing options for PDF, HTML, Excel 2003, and Word. The table contains data for various vehicles, including "4285 Sedan-Removed", "4124 Pickup", "4287 Pickup-Removed", "4285 Pickup-Removed", "4285 Pickup", "4287 Pickup", "4286 2007 Van (24H)-Removed", "4285 1st-Removed", "4285 Sports Utility-Removed", "4447 Sports Utility", "4508 Sedan Truck (24H)", "4506 Sedan Truck (24H)", "4287 FlatbedTruck (24H)", and "4288 Sedan Truck(24H)".

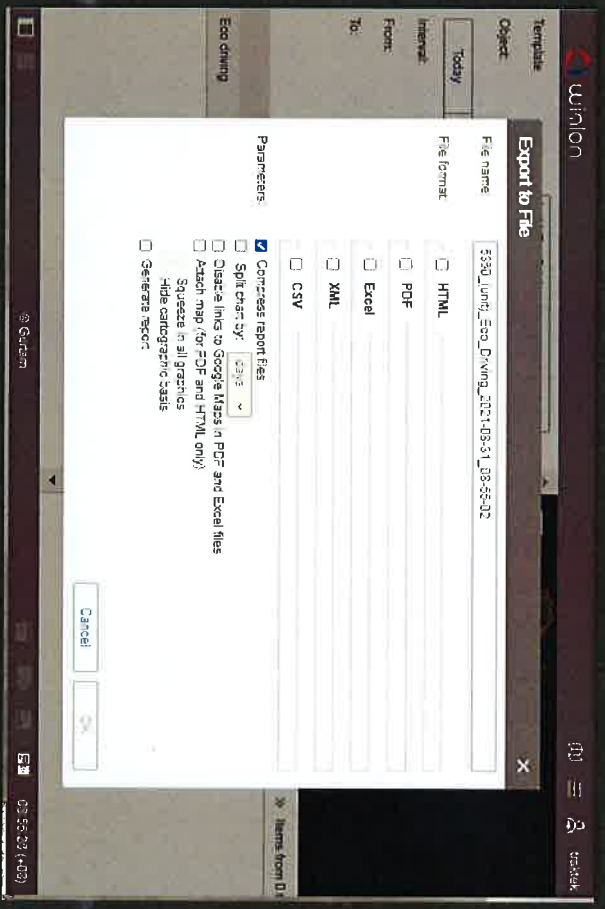
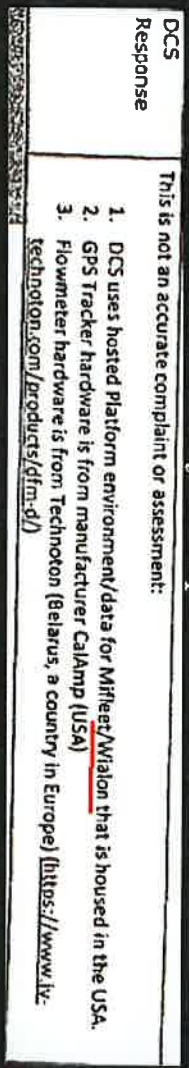
ID	Vehicle	Plate number	Group	Word	Start	End	Start	End	Odometer
0602323	4285 Sedan-Removed	4083-2675415	TRANSPORTATION \ LOANER		08/23/21	08/25/21	89,147.5	89,223.9	
0602326	4124 Pickup	4154-2679694	TRANSPORTATION DISTRIBUTION \ OVERHEAD LINE		08/26/21	08/28/21	86,104.5	86,163.5	
0602324	4287 Pickup-Removed	4283-3626265	ENGINEERING		08/25/21	08/25/21	63,535.5	63,542.5	
0602347	4285 Pickup-Removed	4283-3626265	ENGINEERING		08/23/21	08/26/21	61,158.1	62,252.4	
0601144	4285 Pickup	4285-3626267	PLANNING \ RESOLUTION		08/23/21	08/24/21	62,161.1	62,182.5	
0602372	4287 Pickup	4287-3626290	GENERATION \ CENTRAL MAINTENANCE		08/23/21	08/23/21	140,493.0	140,493.0	
060411655	4286 2007 Van (24H)-Removed	4286-3622746	TRANSPORTATION DISTRIBUTION \ SUBSTATION		08/23/21	08/23/21	0.0	0.0	
0602378	4285 1st-Removed	4285-3621254	TRANSPORTATION DISTRIBUTION \ UNDERGROUND		08/23/21	08/26/21	99,354.3	99,405.4	
0602380	4285 Sports Utility-Removed	4359-2669839	ENGINEERING \ PLANNING \ REGULATORY		08/23/21	08/27/21	103,110.1	103,244.9	
0602375	4447 Sports Utility	4447-2701751	CUSTOMER SERVICE \ CUSTOMER SERVICE MANAGER		08/27/21	08/27/21	94,420.5	94,459.1	
0602306	4508 Sedan Truck (24H)	4506-2711877	TRANSPORTATION DISTRIBUTION \ OVERHEAD LINE		08/23/21	08/27/21	78,541.5	78,556.9	
0602345	4507 Sedan Truck (24H)	4507-2712482	TRANSPORTATION DISTRIBUTION \ OVERHEAD LINE		08/23/21	08/27/21	97,600.6	97,722.1	
0602370	4287 FlatbedTruck (24H)	4273-161206	TRANSPORTATION DISTRIBUTION \ OVERHEAD LINE		08/23/21	08/27/21	224,174.5	224,175.3	
0602384	4288 Sedan Truck(24H)	4288-2716223	TRANSPORTATION DISTRIBUTION		08/23/21	08/25/21	71,099.5	71,114.8	



# GPA Requirements

- C.1-13 Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.

IT&E software have no ability to export to MS Word



# GPA Requirements

- C.1-13 Provide upon request customizable reports to be saved and/or exported to MS EXCEL, MS Word, CSV, Adobe PDF file formats.

GPA provided 3 binders as sunshine response. However, there's no answer in any part of the binder for C.1-13 protest.

# C.1-17

Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include date and time of fuel dispense, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and personnel who dispensed the fuel.



# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include date and time of fuel dispense, amount of fuel dispensed in gallons, vehicle and/or equipment fueled, and personnel who dispensed the fuel.

Trackme have the ability to provide fuel dispense report to include the following report:

1. Date and time of Fuel Dispense
2. Amount of Fuel Dispense in gallons
3. Vehicle and/or equipment fueled

*Note: Even there is no tracking device installed in the equipment (e.g. Generator), we can get information as long as the equipment is authorize to be filled with fuel.*

4. Personnel who dispense the fuel

# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include **(#1)** date and time of fuel dispense, **(#2)** amount of fuel dispensed in gallons, **(#3)** vehicle and/or equipment fueled, and **(#4)** personnel who dispensed the fuel.

Trackme solution is very simple yet powerful:

In order to achieve the requirements, when the Service Truck (Official 6463) mobile tanker deliver the fuel to the location of the vehicle and/or equipment, GPA will do the following:

1. Personnel must use his/her "**Personnel ID**" to identify the person that will dispense the fuel. This is differ from "**Driver ID**" to identify the driver.
2. The driver and/or personnel must use "**Vehicle ID**" to identify the vehicle.
3. If both key approved by our solution, the personnel could start dispensing fuel and the system will be able to get: (1) date and time of fuel dispense, (2) amount of fuel dispensed in gallons, (3) vehicle and/or equipment fueled, and (4) personnel who dispensed the fuel

*Note: Personnel ID & Vehicle ID can be use in any sequence. Vehicle ID could be used first prior to Personnel ID. Personnel ID is different to Driver ID*

# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include **(#1)** date and time of fuel dispense, **(#2)** amount of fuel dispensed in gallons, **(#3)** vehicle and/or equipment fueled, and **(#4)** personnel who dispensed the fuel.

Trackme solution is very simple yet powerful:



TrackMe FuelLog



# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include **(#1)** date and time of fuel dispense, **(#2)** amount of fuel dispensed in gallons, **(#3)** vehicle and/or equipment fueled, and **(#4)** personnel who dispensed the fuel.

IT&E cannot comply with C.1-17 using MiFleet/Wialon Platform:



# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include **(#1)** date and time of fuel dispense, **(#2)** amount of fuel dispensed in gallons, **(#3)** vehicle and/or equipment fueled, and **(#4)** personnel who dispensed the fuel.

IT&E explain in the scenario that exerted from Binder:

<p>Breakdown of how 3 and 4 can be accomplished</p>	<p>3 and 4 can both be accomplished using <u>Driver ID key fobs that are installed on the Fuel Tanker/Dispenser and the driven vehicle</u></p> <p><b>Process</b></p> <p><b>To drive a vehicle:</b></p> <p>The vehicle filled will have a GPS tracker with driver ID key fob as well</p> <p>The driver must scan their driver ID key fob with their vehicle before driving. This will bind the driver to the driven vehicle in the platform.</p> <p>The driver will then drive their vehicle within the vicinity of the Fuel tanker/Dispenser.</p> <p><b>When fueling:</b></p> <p>When a driven vehicle is closest to the Fuel tanker/Dispenser, an event will be recognized in the system, indicating which vehicle is physically closest to the tanker/dispenser</p> <p>The driver will turn off their vehicle</p> <p>The driver will scan their key fob against the Fuel tanker/Dispenser, binding this driver to the fuel tanker in the system during fueling</p> <p>The driver will fuel the vehicle</p> <p>The driver will scan their key fob against their vehicle again, binding the driver again to that driven vehicle</p> <p><b>Auditing Reports</b></p> <p><b>Chronological Event Report</b> This will show all GPS tracker and binding events in chronological order</p> <p><b>Sensor Report</b> This will show the fuel sensor flow rate and the Driver that was bound to the Fuel tanker/Dispenser</p>
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- With IT&E response, to accomplish **#3** and **#4** they will use “**Driver ID**” only.
- There are no separate “**Personnel ID**” and “**Vehicle ID**”

# GPA Requirements

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IT&E explain in the scenario that exerted from Binder:

<p>Breakdown of how 3 and 4 can be accomplished</p>	<p>3 and 4 can both be accomplished using Driver ID key fobs that are installed on the Fuel tanker/Dispenser and the driven vehicle</p> <p>Process</p> <p>To drive a vehicle:</p> <p>The vehicle filled will have a GPS tracker with driver ID key fob as well</p> <p>The driver must scan their driver ID key fob with their vehicle before driving. This will bind the driver to the driven vehicle in the platform.</p> <p><u>The driver will then drive their vehicle within the vicinity of the Fuel tanker/Dispenser.</u></p> <p>When fuelling:</p> <p>When a driven vehicle is closest to the Fuel tanker/Dispenser, an event will be recognized in the system, indicating which vehicle is physically closest to the tanker/dispenser</p> <p>The driver will turn off their vehicle</p> <p>The driver will scan their key fob against the Fuel tanker/Dispenser, binding this driver to the fuel tanker in the system during fuelling</p> <p>The driver will fuel the vehicle</p> <p>The driver will scan their key fob against their vehicle again, binding the driver again to that driven vehicle</p> <p>Auditing Reports</p> <p>Chronological Event Report</p> <p>This will show all GPS tracker and binding events in chronological order</p> <p>Sensor Report</p> <p>This will show the fuel sensor flow rate and the Driver that was bound to the Fuel tanker/Dispenser</p>
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- 1. The driver will then drive their vehicle within the vicinity of the Fuel Tanker/Dispenser.

*Note: IT&E adding steps not indicated in GPA requirements.*

# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.

IT&E explain in the scenario that exerted from Binder:

Breakdown of how 3 and 4 can be accomplished	<p>3 and 4 can both be accomplished using Driver ID key fobs that are installed on the Fuel Tanker/Dispenser and the driven vehicle</p> <p><b>Process</b></p> <ul style="list-style-type: none"> <li>To drive a vehicle:           <ul style="list-style-type: none"> <li>The vehicle filled will have a GPS tracker with driver ID key fob as well</li> <li>The driver must scan their driver ID key fob with their vehicle before driving. This will bind the driver to the driven vehicle in the platform.</li> <li>The driver will then drive their vehicle within the vicinity of the Fuel tanker/Dispenser.</li> </ul> </li> <li>When fueling:           <ul style="list-style-type: none"> <li>When a driven vehicle is closest to the Fuel tanker/Dispenser, an event will be <u>recognized in the system, indicating which vehicle is physically closest to the tanker/dispenser</u></li> <li>The driver will turn off their vehicle</li> <li>The driver will scan their key fob against the Fuel tanker/Dispenser, binding this driver to the fuel tanker in the system during fueling</li> <li>The driver will fuel the vehicle</li> <li>The driver will scan their key fob against their vehicle again, binding the driver again to that driven vehicle</li> </ul> </li> </ul> <p><b>Auditing Reports</b></p> <ul style="list-style-type: none"> <li>Chronological Event Report           <ul style="list-style-type: none"> <li>This will show all GPS tracker and binding events in chronological order</li> </ul> </li> <li>Sensor Report           <ul style="list-style-type: none"> <li>This will show the fuel sensor flow rate and the Driver that was bound to the Fuel tanker/Dispenser</li> </ul> </li> </ul>
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- \* 2. When the driven vehicle is closest to the Fuel tanker/dispenser, an event will be recognized in the system, indicating which vehicle is physically closest to the tanker.

*Note: The only event can be used to get the vehicle closest to fuel tanker is thru GeoFence Event. You cannot establish this event since mobile tanker is moving. Therefore, they cannot identify #3*



# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.

IT&E explain in the scenario that exerted from Binder:

<p>Breakdown of how 3 and 4 can be accomplished</p>	<p>3 and 4 can both be accomplished using Driver ID key fobs that are installed on the Fuel tanker/Dispenser and the driven vehicle</p> <p><b>Process</b></p> <p><b>To drive a vehicle:</b></p> <p>The vehicle filled will have a GPS tracker with driver ID key fob as well          The driver must scan their driver ID key fob with their vehicle before driving. This will bind the driver to the driven vehicle in the platform.          The driver will then drive their vehicle within the vicinity of the Fuel tanker/Dispenser.</p> <p><b>When fueling:</b></p> <p>When a driven vehicle is closest to the Fuel tanker/Dispenser, an event will be recognized in the system, indicating which vehicle is physically closest to the tanker/dispenser          The driver will turn off their vehicle          The driver will scan their key fob against the Fuel tanker/Dispenser, binding this driver to the fuel tanker in the system during fueling          The driver will fuel the vehicle          The driver will scan their key fob against their vehicle again, binding the driver again to that driven vehicle</p> <p><b>Auditing Reports</b></p> <p><b>Chronological Event Report</b>          This will show all GPS tracker and binding events in chronological order</p> <p><b>Sensor Report</b>          This will show the fuel sensor flow rate and the Driver that was bound to the Fuel tanker/Dispenser</p>
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- 2. When the driven vehicle is closest to the Fuel tanker/dispenser, an event will be recognized in the system, indicating which vehicle is physically closest to the tanker.
- Note: Also, what if the equipment do not have GPS Tracker?*
- Or there are two or more vehicle driven to fuel tanker at the same time? They will not be able to identify #3*



# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.

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<p>Breakdown of how 3 and 4 can be accomplished</p>	<p>3 and 4 can both be accomplished using Driver ID key fobs that are installed on the Fuel Tanker/Dispenser and the driven vehicle</p> <p><b>Process</b></p> <p><b>To drive a vehicle:</b></p> <p>4. The vehicle filled will have a GPS tracker with driver ID key fob as well The driver must scan their driver ID key fob with their vehicle before driving. This will bind the driver to the driven vehicle in the platform. The driver will then drive their vehicle within the vicinity of the Fuel Tanker/Dispenser.</p> <p><b>When fueling:</b></p> <p>When a driven vehicle is closest to the Fuel Tanker/Dispenser, an event will be recognized in the system, indicating which vehicle is physically closest to the Tanker/dispenser The driver will turn off their vehicle The driver will scan their key fob against the Fuel Tanker/Dispenser, binding this driver to the fuel tanker in the system during fueling The driver will fuel the vehicle The driver will scan their key fob against their vehicle again, binding the driver again to that driven vehicle</p> <p><b>Auditing Reports</b></p> <p><b>Chronological Event Report</b> This will show all GPS tracker and binding events in chronological order</p> <p><b>Sensor Report</b> This will show the fuel sensor flow rate and the Driver that was bound to the Fuel Tanker/Dispenser</p>
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- 2. When the driven vehicle is closest to the Fuel Tanker/dispenser, an event will be recognized in the system, indicating which vehicle is physically closest to the tanker.
- Note: Lastly, what if the mobile tanker is the one driven to the equipment that needs fuel? They will not be able to identify #3*

# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.

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- 3. The driver will scan their key fob against fuel tanker.

*Note: It is not mentioned in GPA requirements the driver is the person that should dispense the Fuel. They are pushing this steps because they don't have a separate Personnel ID to identify #4*

# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.

IT&E explain in the scenario that exerted from Binder:

<p>Breakdown of how 3 and 4 can be accomplished</p>	<p>3 and 4 can both be accomplished using Driver ID key fobs that are installed on the Fuel Tanker/Dispenser and the driven vehicle</p> <p><b>Process</b></p> <ul style="list-style-type: none"> <li>• <b>To drive a vehicle:</b> <ul style="list-style-type: none"> <li>• The vehicle filled will have a GPS tracker with driver ID key fob as well</li> <li>• The driver must scan their driver ID key fob with their vehicle before driving. This will bind the driver to the driven vehicle in the platform.</li> <li>• The driver will then drive their vehicle within the vicinity of the Fuel Tanker/Dispenser.</li> </ul> </li> <li>• <b>When fueling:</b> <ul style="list-style-type: none"> <li>• When a driven vehicle is closest to the Fuel Tanker/Dispenser, an event will be recognized in the system, indicating which vehicle is physically closest to the tanker/dispenser</li> <li>• The driver will turn off their vehicle</li> <li>• The driver will scan their key fob against the Fuel Tanker/Dispenser, binding this driver to the fuel tanker in the system during fueling</li> <li>• The driver will fuel the vehicle</li> <li>• The driver will scan their key fob against their vehicle again, binding the driver again to that driven vehicle</li> </ul> </li> </ul> <p><b>Auditing Reports</b></p> <ul style="list-style-type: none"> <li>• <b>Chronological Event Report</b> <ul style="list-style-type: none"> <li>• This will show all GPS tracker and binding events in chronological order</li> </ul> </li> <li>• <b>Sensor Report</b> <ul style="list-style-type: none"> <li>• This will show the fuel sensor flow rate and the Driver that was bound to the Fuel Tanker/Dispenser</li> </ul> </li> </ul>
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- 3. The driver will scan their key fob against fuel tanker.

*Note: What if the person dispense the fuel is not the driver driving the vehicle being fueled? They will not be able to identify #3 & #4*

*IT&E Report rely on Chronological Event Report. Which could cause multiple problem if the steps was not followed per IT&E scenario.*



# GPA Requirements


- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.

IT&E cannot comply with C.1-17 using DFM 500D CAN :

# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.

IT&E response that they will use DFM 500D CAN for Fuel Tanker with two-chamber.


DCS Response	This is not an accurate complaint or assessment:  1. DCS uses hosted Platform environment/data for Milleet/Wialon that is housed in the USA. 2. GPS Tracker hardware is from manufacturer CalAmp (USA) 3. Flowmeter hardware is from Technoton (Belarus, a country in Europe) ( <a href="https://www.lv-technoton.com/products/dfm-d/">https://www.lv-technoton.com/products/dfm-d/</a> )
Fuel Flow Meter  DFM 500D CAN	 <p><b>Description</b> Differential fuel flow meter. <b>Type of wired output:</b> CAN – CAN 2.0B interface <b>Expedition time:</b> 7 business days</p>
<p>Two-chamber (differential) flow meter for fuel consumption measurement and engine operation time tracking. Flow rate per chamber: 100-500 L/h Output signal: CAN J1939/56</p>	

# GPA Requirements


- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.




However, according to JV Technoton Export Manager - Nikolay Falkovskij

Wed 3/31/2021 5:37 PM

 Николай Финковский <Falkovskij.n@technoton.by>  
Re: DFM 500D for Fuel Dispenser

To: Gerald Diaz  
Cc: Alan Delos Santos; Nolan!

 Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

 image018.png 28 KB  
 image017.png 344 bytes  
 eng\_dfm\_leaflet\_v22.pdf 294 KB

We will not be able to provide the solution to identify who dispenses the fuel.  
DFM 500D fuel flow meter is the flow meter with 2 chambers, the first chamber is created to calculate the incoming flow rate, the second chamber is to calculate return flow.  
As you are planning to use the device to monitor fuel dispense, you do not really need to use both chambers of the flow meter, you need to use only one chamber.  
For this, I would better recommend you to use one chamber DFM flow meters - <https://www.ik-technoton.com/products/dfm/>, the device has only one chamber.  
May I know what flow meter interface are you planning to use? What GPS tracker device you are using to transmit the data to the server?  
I can offer you to use the GPS tracker that we produce - <https://www.ik-technoton.com/products/edge-computing-teleomatics-gateway/> - CanUp 27.  
I also not sure about the power of the pump that you are using, what is the max flow of your pump? It is critical info to recommend the right DFM model, I am not sure DFM 500 will be enough.  
Waiting for your details to recommend you the right DFM model and price details.  
May you please share also how many devices do you need to calculate the discount for you.  
Thanks!

# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.

Also, according to Wialon Implementation Consultant – Tim Scherbakov



Wed 2/10/2021 12:51 AM



Tim Scherbakov <tisc@gurtam.com>

Re: RE: Fuel Management & Driver ID Permission

To: Mr. Allan Delos Santos; Ms. Azel Manungid; Gerald Driza

 This message has been replied to or forwarded.  
We removed extra line breaks from this message.

Good day Allan,

Thank you very much for your request regarding the fuel dispensing project. Could you please also let me know if there is any deadline for this project and how many tankers and stations does your customer want to monitor and also which country it is?

>About your question, yes, our client will monitor the fuel station & fuel mobile tanker. Once this project is successful, we could start installing tracking devices to their >vehicle.

There are two main options that are possible:

1. Standard Wialon reports and functionality 2. Software development on top of Wialon

The first option can be a good match as it doesn't require extra software development, but it may not be a 100% match to what your customer needs.

The second option will require extra software development, but it will be a 100% to what your customer needs as the interface, the reports will be built according to the customer's requirement.

My colleague Julia mentioned Wialon reports as they are quite close to what your customer needs. The fuel traffic in Wialon is created to show the amount of fuel given out by the fuel tanker and the amount filled into the nearest vehicle. Both devices have to be equipped with a fuel level sensor. This report helps to make sure that drivers don't steal the fuel. Because as a matter of fact, the driver can steal the fuel by not adding it into the vehicle tank. This report can show what vehicle has been fueled as well as the person in "Driver" column.

i. Fuel Traffic:

1. Date/Time Fuel Dispense - OK

2. Amount of Fuel Dispense - OK

3. Vehicle/Equipment Fueled - Not Available 4. Personnel who dispense the Fuel - Not Available



Tue 3/2/2021 10:50 PM



Tim Scherbakov <tisc@gurtam.com>  
Re: RE: Fuel Management & Driver ID Permission

To: addressantos@uimnotech.com

Cc: azel@uimnotech.com; techsupport@trackmequam.com; maps@trackmequam.com

 We removed extra line breaks from this message.



Hello Allan,

I have sent you a reply on February 15th. I am resending it for your convenience:

From: Tim Scherbakov <tisc@gurtam.com>

To: [addressantos@uimnotech.com](mailto:addressantos@uimnotech.com), [azel@uimnotech.com](mailto:azel@uimnotech.com), [techsupport@trackmequam.com](mailto:techsupport@trackmequam.com)

Subject: Re: RE: Fuel Management & Driver ID Permission

Date: Mon, 15 Feb 2021 18:28 (15 days ago)

Hello Allan,

I am not able to provide the hardware, because we don't work with the hardware and can't tell if it's any good. We have a partner in Russia who specializes in fuel monitoring. He either installs some additional hardware to the existing fuel dispensers or offers his own, custom made ones.

I don't know, whether it is a suitable solution for you, because lots of things depend on how you do business in your country. There are a lot of countries where you can't modify fuel dispensers, but he is an electrical engineer and he understands well what he is doing. Basically, he just invented a fuel dispenser based on RFID driver identification. This module is connected to the ready-made fuel dispenser. The module consists of an RFID reader, a Galileosly device, a display and a keyboard as shown on the attached screenshot. He uses Galileosly devices because these devices have a visual built-in programming language allowing to implement a simple logic - if the driver card is recognized, the module will allow dispensing the fuel. He also developed an external database and the device will check if the person is eligible to take some fuel. The company owner can set up daily limits for each driver. As soon as the driver arrives at the fuelling station, he will use his RFID card to identify himself and input the amount to refuel using the keyboard. The device will send a request to the online database to check the limit and if the driver is eligible, the device will allow the dispenser to issue the amount of fuel.

He also builds some custom solutions - stand-alone fuel dispensing modules that contain the same hardware + a fuel pump, fuel degasser and a fuel flow meter on top of it.

I don't think he will be able to sell it, because it's a Russian company, they don't have any English website or manuals and they are located in the Crimea, which is a sanctioned region. Anyway, I hope this information is useful for you.

Best regards,

Tim Scherbakov

Wialon Implementation Consultant

Wialon Division, Gurtam

# GPA Requirements

- C.1-17 Provide fuel dispense tracking report for Authority's Service Truck (Official 6463). Data to include (#1) date and time of fuel dispense, (#2) amount of fuel dispensed in gallons, (#3) vehicle and/or equipment fueled, and (#4) personnel who dispensed the fuel.

IT&E cannot comply with C.1-17 using their current platform MIFleet/Wialon even the recommended hardware DFM 500D CAN.

# C.2

Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates.

# GPA Requirements

- C.2 - Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates.

TrackMe: In more than 5 years that we provide Fleet & Fuel Management Solution with GPA, Trackme are able to comply in this requirement.

# GPA Requirements

- C.2 - Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates.

IT&E Response:

2. Page 6 of 23, C.2- Provide web-based vehicle Interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates. Please clarify what specific specifications would not be met and what vehicles and/or equipment's would not be supported.
  - a. Over the Air updates are a standard feature on IT&E's MiFleet solution. Doing a door lock/unlock feature that is controlled through the Electronic Control Unit (ECU) will only be possible with the manufacturer's Programming Guide for the Lock/Unlock feature for the specific vehicle models, provided to IT&E by the Guam Power Authority. However, a door lock/unlock enable/disable feature could be done, where instead of remotely unlocking/locking the doors, we would be able to disable/enable power to the lock/unlock control unit (by cutting power to the door control unit).



# GPA Requirements

- C.2 - Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates.

IT&E notified GPA that it would comply but GPA must "deliver the requirement i.e. older vehicle models may not be able to support fleet tracking application. " IT&E's further response supplied by GPA's sunshine request stated "Doing door lock/unlock feature that is controllable through the Electronic Control Unit (ECU) will only be possible with manufacturer's Programming Guide for the Lock/Unlock for the specific vehicle models provided to IT&E by the Guam Power Authority. "

This is not compliant with the C.2 requirement because IT&E is requesting GPA provide an accommodation not specified in the IFB. Nowhere in the IFB does it state GPA will provide access to the ECU if necessary. IT&E is simply non-responsive to this requirement because it requires an extra step not identified in the IFB.

# GPA Requirements

- C.2 - Provide web based vehicle interaction. Enabling Technical assistance personnel and/or Authorized GPA personnel to remote disable vehicle, unlock vehicle doors, and provide software updates.

GPA provided 3 binders as sunshine response. However, there's no answer in any part of the binder for C.2 protest.