

工 事 設 計 書

工事番号      下管第21号

工事名称      北部中継ポンプ場計装設備更新工事

工事場所      新潟市南区北田中    地内

工      期      令和8年3月31日迄

金            20,361,000 円

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( 工事価格      金            18,510,000 円            )

工事概要

計装設備・・・一式

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| 審 査 | 検 算 | 設 計 |
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| 本 工 事 費 内 訳 書 |       |       |             |     |     |    |           |                       |
|---------------|-------|-------|-------------|-----|-----|----|-----------|-----------------------|
| 費目            | 工種    | 種別    | 細別          | 単位  | 数量  | 単価 | 金額        | 摘要                    |
| 本工事費          |       |       |             |     |     |    |           |                       |
|               | 電気設備工 |       |             |     |     |    |           |                       |
|               |       | 機器費   |             | 式   | 1   |    | 7,470,000 | 別紙明細書 第 1号            |
|               |       |       | 計           |     |     |    | 7,470,000 | [機器費]                 |
|               |       | 直接工事費 |             |     |     |    |           |                       |
|               |       |       | 輸送費         | 式   | 1   |    | 79,238    | 別紙明細書 第 2号            |
|               |       |       | 小計          |     |     |    | 79,238    | [輸送費]                 |
|               |       |       | 直接材料費       | 式   | 1   |    | 2,892,354 | 別紙明細書 第 3号            |
|               |       |       | 補助材料費       | 式   | 1   |    | 115,694   |                       |
|               |       |       | 小計          |     |     |    | 3,008,048 | [材料費]                 |
|               |       |       | 一般労務費       | 式   | 1   |    | 537,744   | 別紙明細書 第 4号<br>週休2日補正有 |
|               |       |       | 技術労務費       | 式   | 1   |    | 118,728   | 別紙明細書 第 5号<br>週休2日補正有 |
|               |       |       | 小計          |     |     |    | 656,472   | [労務費]                 |
|               |       |       | 複合工費        | --- | --- |    |           |                       |
|               |       |       | 小計          |     |     |    | 0         | [複合工費]                |
|               |       |       | 特許使用料       | --- | --- |    |           |                       |
|               |       |       | 水道光熱電力料     | --- | --- |    |           |                       |
|               |       |       | 機械経費(率)     | 式   | 1   |    | 5,773     |                       |
|               |       |       | 機械経費(積上げ)   | --- | --- |    |           |                       |
|               |       |       | 総合試運転費(率)   | --- | --- |    |           |                       |
|               |       |       | 総合試運転費(積上げ) | --- | --- |    |           |                       |
|               |       |       | 特別経費        | --- | --- |    |           |                       |

| 本 工 事 費 内 訳 書 |    |        |                |     |     |    |           |                     |
|---------------|----|--------|----------------|-----|-----|----|-----------|---------------------|
| 費目            | 工種 | 種別     | 細別             | 単位  | 数量  | 単価 | 金額        | 摘要                  |
|               |    |        | 小計             |     |     |    | 5,773     | [直接経費]              |
|               |    |        | 仮設費(率)         | 式   | 1   |    | 353,580   |                     |
|               |    |        | 仮設費(積上げ)       | --- | --- |    |           |                     |
|               |    |        | 小計             |     |     |    | 353,580   | [仮設費]               |
|               |    |        | 計              |     |     |    | 4,103,111 | 直接工事費               |
|               |    | 間接工事費  |                |     |     |    |           |                     |
|               |    |        | 共通仮設費(率)       | 式   | 1   |    | 1,313,000 | (千円未満切捨)<br>週休2日補正有 |
|               |    |        | 運搬費(積上げ)       | --- | --- |    |           |                     |
|               |    |        | 準備費(積上げ)       | 式   | 1   |    | 913       | 別紙明細書 第 6号          |
|               |    |        | 事業損失防止施設費(積上げ) | --- | --- |    |           |                     |
|               |    |        | 安全費(積上げ)       | --- | --- |    |           |                     |
|               |    |        | 役務費(積上げ)       | --- | --- |    |           |                     |
|               |    |        | 技術管理費(積上げ)     | --- | --- |    |           |                     |
|               |    |        | 営繕費(積上げ)       | --- | --- |    |           |                     |
|               |    |        | 小計             |     |     |    | 1,313,913 | [共通仮設費]             |
|               |    |        | 現場管理費          | 式   | 1   |    | 2,786,000 | (千円未満切捨)<br>週休2日補正有 |
|               |    |        | 小計             |     |     |    | 2,786,000 | [現場管理費]             |
|               |    |        | 据付(技術者)間接費     | 式   | 1   |    | 94,000    | (千円未満切捨)            |
|               |    |        | 据付(機器)間接費      | 式   | 1   |    | 112,000   | (千円未満切捨)            |
|               |    |        | 小計             |     |     |    | 206,000   | [据付間接費]             |
|               |    |        | 計              |     |     |    | 4,305,913 | 間接工事費               |
|               |    | 据付工事原価 |                |     |     |    | 8,409,024 |                     |

# 本工事費内訳書

[illegible]

## 機器費 一式

| 名称      | 品種  | 形状寸法 | 単位 | 数量 | 単価        | 金額        | 摘要     |
|---------|-----|------|----|----|-----------|-----------|--------|
| 汚水送水流量計 | 電磁式 |      | 組  | 1  | 5,850,000 | 5,850,000 | 特別単価調査 |
| レベル計    | 投込式 |      | 組  | 1  | 1,620,000 | 1,620,000 | 特別単価調査 |
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| 計       |     |      |    |    |           | 7,470,000 |        |

## 輸送費 一式

| 名称  | 品種 | 形状寸法 | 単位 | 数量 | 単価     | 金額     | 摘要 |
|-----|----|------|----|----|--------|--------|----|
| 輸送費 |    |      | 式  | 1  | 79,238 | 79,238 |    |
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| 計   |    |      |    |    |        | 79,238 |    |

| 直接材料費 一式     |               |                  |     |      |         |           |               |
|--------------|---------------|------------------|-----|------|---------|-----------|---------------|
| 名称           | 品種            | 形状寸法             | 単位  | 数量   | 単価      | 金額        | 摘要            |
| ---          |               |                  | --- |      |         |           |               |
| ---          |               |                  | --- |      |         |           |               |
| 制御ケーブル       |               |                  | 式   | 1    | 19,851  | 19,851    | 別紙明細書 第3-1号   |
| その他電線        |               |                  | 式   | 1    | 1,487   | 1,487     | 別紙明細書 第3-2号   |
| 電線管・ケーブルラック類 |               |                  | 式   | 1    | 27,616  | 27,616    | 別紙明細書 第3-3号   |
| ---          |               |                  | --- |      |         |           |               |
| ---          |               |                  | --- |      |         |           |               |
|              |               |                  |     |      |         |           |               |
| バタフライ弁       | フランジレス        | 鋳鉄製 ウェハ－形 φ200mm | 個   | 2    | 482,666 | 965,332   | 見積単価 482,666円 |
|              |               |                  |     |      |         |           |               |
| 配管用ステンレス鋼鋼管  | SUS304 Sch20s | 300A 厚6.5mm      | m   | 0.76 | 47,470  | 36,077    | 積算資料          |
| 配管用ステンレス鋼鋼管  | SUS304 Sch20s | 200A 厚6.5mm      | m   | 3.05 | 30,770  | 93,848    | 物価資料          |
| 配管付属材料       |               |                  | 式   | 1    | 181,895 | 181,895   |               |
|              |               |                  |     |      |         |           |               |
| 異径管          | SUS304 Sch20s | 300-200A 0.54m   | 個   | 1    | 380,333 | 380,333   | 見積単価 380,333円 |
| 異径管          | SUS304 Sch20s | 300-200A 0.275m  | 個   | 1    | 273,000 | 273,000   | 見積単価 273,000円 |
| ルーズ管         | SUS304 Sch20s | 200A 0.181m      | 個   | 1    | 599,666 | 599,666   | 見積単価 599,666円 |
| 配管付属材料       |               | 接合材料・支持材料        | 式   | 1    | 313,249 | 313,249   |               |
|              |               |                  |     |      |         |           |               |
|              |               |                  |     |      |         |           |               |
|              |               |                  |     |      |         |           |               |
| 計            |               |                  |     |      |         | 2,892,354 |               |

| 制御ケーブル 一式          |    |      |    |      |     |        |      |
|--------------------|----|------|----|------|-----|--------|------|
| 名称                 | 品種 | 形状寸法 | 単位 | 数量   | 単価  | 金額     | 摘要   |
| EM-CEE 3.5sq-2c    |    |      | m  | 24.2 | 267 | 6,461  | 物価資料 |
| EM-CEE-S 1.25sq-2c |    |      | m  | 53.9 | 243 | 13,097 | 物価資料 |
| 制御ケーブル類付属材料        |    |      | 式  | 1    | 293 | 293    |      |
|                    |    |      |    |      |     |        |      |
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|                    |    |      |    |      |     |        |      |
| 計                  |    |      |    |      |     | 19,851 |      |

## その他電線類 一式

| 名称          | 品種 | 形状寸法 | 単位 | 数量   | 単価 | 金額    | 摘要   |
|-------------|----|------|----|------|----|-------|------|
| EM-IE 2.0sq |    |      | m  | 24.2 | 61 | 1,466 | 物価資料 |
| その他電線類付属材料  |    |      | 式  | 1    | 21 | 21    |      |
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| 計           |    |      |    |      |    | 1,487 |      |

## 電線管・ケーブルラック類 一式

| 名称        | 品種 | 形状寸法   | 単位 | 数量   | 単価     | 金額     | 摘要   |
|-----------|----|--------|----|------|--------|--------|------|
| 厚鋼電線管     |    | G22 露出 | m  | 19.8 | 547    | 10,830 | 物価資料 |
| 厚鋼電線管付属材料 |    | 無塗装    | 式  | 1    | 16,786 | 16,786 |      |
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| 計         |    |        |    |      |        | 27,616 |      |

## 一般労務費 一式

| 名称  | 品種 | 形状寸法 | 単位 | 数量 | 単価     | 金額      | 摘要      |
|-----|----|------|----|----|--------|---------|---------|
| 電工  | 据付 |      | 人  | 12 | 27,132 | 325,584 | 週休2日補正有 |
| 配管工 | 据付 |      | 人  | 8  | 26,520 | 212,160 | 週休2日補正有 |
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| 計   |    |      |    |    |        | 537,744 |         |

## 技術労務費 一式

| 名称  | 品種   | 形状寸法 | 単位 | 数量 | 単価     | 金額      | 摘要      |
|-----|------|------|----|----|--------|---------|---------|
| 技術者 | 据付   |      | 人  | 1  | 39,576 | 39,576  | 週休2日補正有 |
| 技術者 | 単体調整 |      | 人  | 2  | 39,576 | 79,152  | 週休2日補正有 |
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| 計   |      |      |    |    |        | 118,728 |         |

## 準備費(積上げ) 一式

| 名称    | 品種    | 形状寸法                  | 単位 | 数量  | 単価     | 金額      | 摘要   |
|-------|-------|-----------------------|----|-----|--------|---------|------|
| 廃材処分費 | スクラップ | 2tダンプ車                | 台  | 1   | 23,000 | 23,000  | 物価資料 |
| 廃材運搬費 | スクラップ | 鉄くず、銅くず等<br>参考重量:37kg | 式  | 1   | -5,129 | -5,129  | 物価資料 |
| 廃材処分費 | スクラップ | ステンレス                 | kg | 122 | -139   | -16,958 |      |
|       |       |                       |    |     |        |         |      |
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|       |       |                       |    |     |        |         |      |
| 計     |       |                       |    |     |        | 913     |      |