

電 気 計 装 設 備 工 事 数 量 計 算 書

【 鷹 巢 浄 水 場 】

物件名： 新規物件

Gグループ

集計設備（機材内容）

7. 鷹巣浄水場中央監視設備 （ケーブル類 材料類 機器類）

電 気 計 装 設 備 工 事 数 量 計 算 書

【 阿 仁 合 浄 水 場 】

物件名： 新規物件

Hグループ

集計設備（機材内容）

8. 阿仁合浄水場 （ケーブル類 材料類 機器類）

人 工 集 計 表

[阿仁合浄水場]

| 集計表名称 | 据付・配線工 | | | | | | 単体調整 技術者 | 重量(撤去重量) (t) | 試験工 | | | |
|---------------|--------|-----|--|--|--|--|-------------|-----------------|-----|-----|--|--|
| | 技術者 | 電 工 | | | | | | | 技術者 | 電 工 | | |
| 据付工集計表(S-801) | | | | | | | | | | | | |
| 試験工集計表(T-801) | | | | | | | | | | | | |
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| 合計 | | | | | | | | | | | | |
| 設計数量 | | | | | | | | | | | | |

電 気 計 装 ・ 機 械 設 備 工 事 数 量 計 算 書

【 萱草浄水場・配水池 】

物件名： 新規物件

Bグループ

集計設備（機材内容）

2. 萱草配水池 （ケーブル類 材料類 機器類）

| 材 料 数 量 | | | (*) 印は工量無 | [萱草配水池] |
|---------|--------|-----------------------------|-----------|---------|
| (1) | 低圧ケーブル | 600V EM-CE 3.5 sq- 2 c | m | 25 |
| (2) | 制御ケーブル | EM-CEE 1.25 sq- 10 c | m | 4 |
| (3) | 制御ケーブル | 専用ケーブル | m | 7 |
| (4) | その他電線 | EM-IE 3.5 sq | m | 25 |
| (5) | 電線管類 | HIVE 28 mm (露出) | m | 30 |
| (6) | 電線管類 | FEP 30 mm (埋込) | m | 6 |
| (7) | 電線管類 | ケーブル埋設シート | m | 6 |
| (8) | 電柱類 | プルボックス (SUS-WP) 200*200*200 | 個 | 4 |
| (9) | 電柱類 | 鋼管ポール 4.5m | 本 | 1 (*) |
| (10) | 一般労務費 | 電 工 (据付) | 人 | 17 |
| (11) | 技術労務費 | 技術者 (据付) | 人 | 3 |
| (12) | 技術労務費 | 技術者 (単体調整) | 人 | 1 |
| (13) | 技術労務費 | 技術者 (組合試験) | 人 | 1 |
| (14) | 複合工費 | システム調整費 | 式 | 1 |
| (15) | 複合工費 | アスベスト(定性分析) | 1検体 | 1 |
| (16) | 複合工費 | 既設分電盤機能増設 | 式 | 1 |
| (17) | 複合工費 | 管路掘削工 | m3 | 2.50 |
| (18) | 複合工費 | 管路埋戻工(山砂) | m3 | 1.40 |
| (19) | 複合工費 | 管路埋戻工(発生土) | m3 | 1.10 |
| (20) | 複合工費 | 整地 | m3 | 1.40 |
| (21) | 複合工費 | コンクリート打設工 | m3 | 0.1 |
| (22) | 複合工費 | 型枠工 | m2 | 0.1 |

人 工 集 計 表

[萱草配水池]

| 集計表名称 | 据付・配線工 | | | | | | 単体調整 技術者 | 重量(撤去重量) (t) | 試験工 | | | | |
|--------------------|--------|--------|--|--|--|--|-------------|-----------------|------|-----|--|--|--|
| | 技術者 | 電 工 | | | | | | | 技術者 | 電 工 | | | |
| 据付工集計表(S-201) | 3.39 | 9.7 | | | | | 1.8 | | | | | | |
| 試験工集計表(T-201) | | | | | | | | | 0.32 | | | | |
| 材料集計表-1 | | 0.984 | | | | | | | | | | | |
| 材料集計表-2 | | 2.511 | | | | | | | | | | | |
| 材料集計表-3 | | 1.225 | | | | | | | | | | | |
| (撤 去)据付工集計表(S-201) | | 3.23 | | | | | | | | | | | |
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| 合計 | 3.39 | 17.650 | | | | | 1.8 | | 0.32 | | | | |
| 設計数量 | 3 | 17 | | | | | 1 | | 1 | | | | |

| 機 器 名 称 | 形 状 | 単 位 | 数 量 | 技 術 者 | | 電 工 | | 技 術 者 単 体 調 整 | | | | 歩 掛 ペ ー ジ | 機 器 重 量 (t) | | 備 考 | |
|--------------------|--------|-----|-----|--------------------|------|-----------------|-----|------------------|-----|---------|-----|--------------|-------------|-----|-----|--|
| | | | | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | | 単 位 重 量 | 重 量 | | |
| 計装テレメータ盤 | 自立形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | | |
| 投込式水位計 | 投込式水位計 | 組 | 1 | 0.41+0.38 =0.79 | 0.79 | 1.3+1.2 =2.5 | 2.5 | 1.3+0.56 =1.8 | 1.8 | | | | | | | |
| 滅菌制御盤 | 壁掛形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | | |
| 既設 分電盤機能増設 | | 面 | 1 | | | | | | | | | | | | | |
| テレメータ装置 萱草浄水場子局 | | 式 | 1 | | | | | | | | | | | | | |
| システム調整費 | | 式 | 1 | | | | | | | | | | | | | |
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| 計 (S-201) | | | | | 3.39 | | 9.7 | | 1.8 | | | | | | | |

材 料 集 計 表 - 1

[萱草配水池]

| 内訳区分 | 600V EM-CE | | | | EM-CEE | | | | 専用ケーブル | | | | EM-IE | | | | | | | |
|----------------|----------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|----------------|-------|-------|-------|--|--|--|--|
| | 3.5 sq | | | | 1.25 sq | | | | | | | | 3.5 sq | | | | | | | |
| | 2 c | | | | 10 c | | | | | | | | | | | | | | | |
| | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | | | | |
| CHK (2- 1) | | | 17.0 | 6.0 | | | 4.5 | | | | 6.5 | | | | 23.0 | | | | | |
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| 合計値 (A) | | | 17.0 | 6.0 | | | 4.5 | | | | 6.5 | | | | 23.0 | | | | | |
| 補完率 (B) | 1.1 | | | | 1.1 | | | | 1.1 | | | | 1.1 | | | | | | | |
| (C)=(A)×(B) | | | 18.70 | 6.60 | | | 4.95 | | | | 7.15 | | | | 25.30 | | | | | |
| 設計数量 (D)=Σ(C) | 25.30 ----> 25 | | | | 4.95 ----> 4 | | | | 7.15 ----> 7 | | | | 25.30 ----> 25 | | | | | | | |
| 電工単位工量(E)=(E0) | 0.013 | 0.020 | 0.017 | 0.015 | 0.029 | 0.044 | 0.037 | 0.033 | 0.012 | 0.018 | 0.015 | 0.013 | 0.008 | 0.013 | 0.011 | 0.009 | | | | |
| 電工量 (C)×(E) | | | 0.317 | 0.099 | | | 0.183 | | | | 0.107 | | | | 0.278 | | | | | |

材 料 集 計 表 - 2

[萱草配水池]

| 内訳区分 | HIVE | | | | FEP | | | | | | | | | | | |
|----------------|-------|-------|-----|--|-------|-------|-----|--|--|--|--|--|--|--|--|--|
| | 28 mm | | | | 30 mm | | | | | | | | | | | |
| | 露出 | 埋込 | | | 露出 | 埋込 | | | | | | | | | | |
| CHK (2- 1) | 28.0 | | | | | | | | | | | | | | | |
| CHK (2- 2) | | | | | | 6.0 | | | | | | | | | | |
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| 合計値 (A) | 28.0 | | | | | 6.0 | | | | | | | | | | |
| 補完率 (B) | | | 1.1 | | | | 1.1 | | | | | | | | | |
| (C)=(A) × (B) | 30.80 | | | | | 6.60 | | | | | | | | | | |
| 設計数量 (D)=(C) | 30 | | | | | 6 | | | | | | | | | | |
| 電工単位工量(E)=(E0) | 0.076 | 0.064 | | | 0.026 | 0.026 | | | | | | | | | | |
| 電工量 (C) × (E) | 2.340 | | | | | 0.171 | | | | | | | | | | |

材 料 集 計 表 - 3

[萱草配水池]

| 内訳書番号 | 電線管類 | 電柱類 | 電柱類 | | | | |
|--------------|---------------|--------------------|-------|--|--|--|--|
| | ケーブル 埋設シート | プルボックス (SUS-WP) | 鋼管ポール | | | | |
| | | 200*200*200 | 4.5m | | | | |
| | m | 個 | 本 | | | | |
| ZHK (2- 1) | 6 | 4 | 1 | | | | |
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| 合計値 (A) | 6 | 4 | 1 | | | | |
| 補完率 (B) | 1.05 | | | | | | |
| (C)=(A)×(B) | 6.30 | 4 | 1 | | | | |
| 設計数量 (D)=(C) | 6 | 4 | 1 | | | | |
| 電工 単位工量 (E) | 0.004 | 0.30 | | | | | |
| 工 量 (C)×(E) | 0.025 | 1.20 | | | | | |

| NO | 区分 | 電線管類 | 電柱類 | 同 左 | | | | |
|--------|-------------|-------|-------------|-------|--|--|--|--|
| | | ケーブル | プルボックス | 鋼管ポール | | | | |
| | | 埋設シート | (SUS-WP) | 4.5m | | | | |
| | | | 200*200*200 | | | | | |
| | m | 個 | 本 | | | | | |
| | 6 | 4 | 1 | | | | | |
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| (1/1) | ZHK (2- 1) | 6 | 4 | 1 | | | | |

| No | 自 | 至 | 種別・サイズ・本数 | 経路 | 合計 | 計 算 | | |
|----|----------|----------|-------------------------|------|--------------|--|------|--|
| | 分電盤 | 計装テレメータ盤 | 600V EM-CE 3.5 sq - 2 c | P&D | | | | |
| | | | | RACK | | | | |
| | | | | CP | 17.0 | (2.0)+ 7.5 + (4.0)+ (2.0)+ 0.5 + (1.0) | | |
| | | | | | FEP | 6.0 | 6.0 | |
| | | | | | EM-IE 3.5 sq | CP | 23.0 | (2.0)+ 7.5 + 6.0 + (4.0)+ (2.0)+ 0.5 + (1.0) |
| | | | | | HIVE 28 mm | 露出 | 17.0 | (2.0)+ 7.5 + (4.0)+ (2.0)+ 0.5 + (1.0) |
| | 分電盤 | 計装テレメータ盤 | | P&D | | | | |
| | | | | RACK | | | | |
| | | | | CP | | | | |
| | | | | FEP | | | | |
| | | | | CP | | | | |
| | | | | | FEP 30 mm | 露出 | | |
| | | | 埋込 | 6.0 | 6.0 | | | |
| | 滅菌制御盤 | 計装テレメータ盤 | EM-CEE 1.25 sq - 10 c | P&D | | | | |
| | | | | RACK | | | | |
| | | | | CP | 4.5 | 2.5 + (1.0)+ (1.0) | | |
| | | | | | FEP | | | |
| | | | | | CP | | | |
| | | | | | HIVE 28 mm | 露出 | 4.5 | 2.5 + (1.0)+ (1.0) |
| | 計装テレメータ盤 | アンテナ | 専用ケーブル | P&D | | | | |
| | | | | RACK | | | | |
| | | | | CP | 6.5 | 2.0 + (4.5) | | |
| | | | | FEP | | | | |
| | | | | CP | | | | |
| | | | | | HIVE 28 mm | 露出 | 6.5 | 2.0 + (4.5) |
| | | | 埋込 | | | | | |
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| 機器名称 | 形状 | 単位 | 数量 | 技術者 | | 電工 | | 技術者単体調整 | | | | 歩掛 ページ | 機器重量(t) | | 備考 |
|-----------|-----|----|----|-------------------|-----------|-----------------|-----|---------|----|------|----|-----------|---------|----|----|
| | | | | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | | 単位重量 | 重量 | |
| 水位計 | 機械式 | 組 | 1 | 0.79*0.4 =0.31 | # 0.31 | 2.5*0.4 =1.0 | 1.0 | | | | | | | | |
| 滅菌制御盤 | 壁掛形 | 面 | 1 | 1.3*0.4 =0.52 | # 0.52 | 3.6*0.4 =1.4 | 1.4 | | | | | | | | |
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| 計 (S-201) | | | # | 0.83 | ---> | 0.83 | + | 2.4 | | | | | | | |
| | | | | | | 3.23 | | | | | | | | | |

#印は再使用しない撤去なので技術者を電工に読み替える

萱

草

配

水

池

数量計算書
(機械設備)

労務工数集計表

萱草配水池

| 工種 \ 労務工 | 機械設備据付工 | 設備機械工 | 配管工 | 普通作業員 | | | 備考 |
|----------|---------|-------|-----|-------|--|--|----|
| 機器据付 | 0.670 | | | 0.080 | | | |
| 機器撤去 | | 0.560 | | 0.070 | | | |
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| | | | | | | | |
| 計 | 0.670 | 0.560 | | 0.150 | | | |
| 設計人工 | 1 人 | 1 人 | | 1 人 | | | |

記
有効数字3桁（次の位及び小数点以下は切り捨て）

萱

草

配

水

池

数 量 計 算 書

(土工計算書)

電 気 計 装 設 備 工 事 数 量 計 算 書

【 萱草流量計室 】

物件名： 新規物件

Aグループ

集計設備（機材内容）

1. 萱草流量計室 （ケーブル類 材料類 機器類）

| 材 料 数 量 | | | (*) 印は工量無 | [萱草流量計室] |
|---------|--------|---------------------------------|-----------|----------|
| (1) | 低圧ケーブル | 600V EM-CE 3.5 sq- 2 c | m | 1 |
| (2) | 低圧ケーブル | EM-EE 5.5 sq- 2 c | m | 6 |
| (3) | 制御ケーブル | EM-CEE-S 2 sq- 2 c | m | 9 |
| (4) | 制御ケーブル | 専用ケーブル | m | 7 |
| (5) | その他電線 | EM-IE 3.5 sq | m | 4 |
| (6) | 電線管類 | HIVE 28 mm (露出) | m | 18 |
| (7) | 電線管類 | HIVE 22 mm (露出) | m | 3 |
| (8) | 電線管類 | FEP 30 mm (埋込) | m | 4 |
| (9) | 接地装置 | 接地棒 φ14*1500 | 本 | 1 (*) |
| (10) | 接地装置 | 接地棒用リード端子 φ14用 | 本 | 1 (*) |
| (11) | 電柱類 | プルボックス (SUS-WP) 200*200*200 | 個 | 1 |
| (12) | 電柱類 | ケーブル埋設シート | m | 4 |
| (13) | 電柱類 | 鋼管ポール 8m | 本 | 1 (*) |
| (14) | 電柱類 | 強力バンド 19cm | 個 | 1 (*) |
| (15) | 電柱類 | 自在バンド 3BD-HD17 | 個 | 2 (*) |
| (16) | 電柱類 | 自在バンド IBT-212 | 個 | 5 (*) |
| (17) | 電柱類 | 支線 (材料) 22sq | kg | 1.4 (*) |
| (18) | 電柱類 | ステーブロック 500*250 ^{mm} 付 | 組 | 1 (*) |
| (19) | 電柱類 | 玉がいし | 個 | 1 (*) |
| (20) | 電柱類 | 巻付グリップ | 個 | 4 (*) |
| (21) | 電柱類 | 支線ガード 虎印 | 本 | 1 (*) |
| (22) | 電柱類 | 根かせ (バンド付) | 個 | 1 (*) |
| (23) | 一般労務費 | 電 工 (据付) | 人 | 11 |
| (24) | 一般労務費 | 普通作業員 (据付) | 人 | 1 |
| (25) | 技術労務費 | 技術者 (据付) | 人 | 3 |

材 料 数 量

(*) 印は工量無

[萱草流量計室]

| | | | | |
|------|-------|------------|---|---|
| (26) | 技術労務費 | 技術者 (単体調整) | 人 | 1 |
| (27) | 技術労務費 | 技術者 (組合試験) | 人 | 1 |

複合工費数量

| | | | | |
|-------|------|-----------------|----|-----|
| (1) | 複合工費 | システム調整費 | 式 | 1 |
| (2) | 複合工費 | 申請手続費NTT光ネクスト回線 | 式 | 1 |
| (3) | 複合工費 | 鋼管ポール 8m | 本 | 1 |
| (4) | 複合工費 | コアはつり φ50 | 箇所 | 1 |
| (5) | 複合工費 | 管路掘削工 | m3 | 1.7 |
| (6) | 複合工費 | 管路埋戻工(山砂) | m3 | 1.0 |
| (7) | 複合工費 | 管路埋戻工(発生土) | m3 | 0.7 |
| (8) | 複合工費 | 整地 | m3 | 1.0 |

機器数量(撤去)

数量・単位は据付入力欄のものとしませう[萱草流量計室]

(1) 機器

流量計φ80

台

1

人工集計表

[萱草流量計室]

| 集計表名称 | 据付・配線工 | | | | | | 単体調整 技術者 | 重量(撤去重量) (t) | 試験工 | | | | |
|--------------------|--------|--------|-------|--|--|--|-------------|-----------------|------|-----|--|--|--|
| | 技術者 | 電 工 | 普通作業員 | | | | | | 技術者 | 電 工 | | | |
| 据付工集計表(S-101) | 3.45 | 6.99 | | | | | 0.56 | | | | | | |
| 試験工集計表(T-101) | | | | | | | | | 0.32 | | | | |
| 材料集計表-1 | | 0.455 | | | | | | | | | | | |
| 材料集計表-2 | | 1.746 | | | | | | | | | | | |
| 材料集計表-3 | | 0.496 | | | | | | | | | | | |
| 材料集計表-4 | | 0.67 | 0.261 | | | | | | | | | | |
| (撤 去)据付工集計表(S-101) | | 1.31 | | | | | | | | | | | |
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| 合計 | 3.45 | 11.667 | 0.261 | | | | 0.56 | | 0.32 | | | | |
| 設計数量 | 3 | 11 | 1 | | | | 1 | | 1 | | | | |

| 機 器 名 称 | 形 状 | 単 位 | 数 量 | 技 術 者 | | 電 工 | | 技 術 者 単 体 調 整 | | 単 位 工 量 | 工 量 | 歩 掛 ペ ー ジ | 機 器 重 量 (t) | | 備 考 | |
|---------------------|-------|-----|-----|------------------------|------|-----------------------|------|---------------|------|---------|-----|--------------|-------------|-----|-----|--|
| | | | | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | | | | 単 位 重 量 | 重 量 | | |
| 引込開閉器盤 | 屋外装柱形 | 面 | 1 | | 1.0 | | 2.0 | | | | | | | | | |
| 計装テレメータ盤 | 屋外装柱形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | | |
| テレメータ装置 萱草浄水場親局 | | 式 | 1 | | | | | | | | | | | | | |
| テレメータ装置 阿仁合浄水場子局 | | 式 | 1 | | | | | | | | | | | | | |
| 流量計φ80 | 電磁式 | 台 | 1 | [0.77]+[0.38] =1.15 | 1.15 | [0.19]+[1.2] =1.39 | 1.39 | | 0.56 | | | | | | | |
| システム調整費 | | 式 | 1 | | | | | | | | | | | | | |
| 申請手数料 | | 式 | 1 | | | | | | | | | | | | | |
| NTT光ネクスト回線 | | 式 | 1 | | | | | | | | | | | | | |
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| 計 (S-101) | | | | | 3.45 | | 6.99 | | 0.56 | | | | | | | |

材 料 集 計 表 - 1

[萱草流量計室]

| 内訳区分 | 600V EM-CE | | | | EM-EE | | | | EM-CEE-S | | | | 専用ケーブル | | | | EM-IE | | | |
|----------------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|
| | 3.5 sq | | | | 5.5 sq | | | | 2 sq | | | | | | | | 3.5 sq | | | |
| | 2 c | | | | 2 c | | | | 2 c | | | | | | | | | | | |
| | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP |
| CHK (1- 1) | | | 1.0 | | 6.0 | | | | | | 4.5 | 4.0 | | | 6.5 | | | | 4.0 | |
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| 合計値 (A) | | | 1.0 | | 6.0 | | | | | | 4.5 | 4.0 | | | 6.5 | | | | 4.0 | |
| 補完率 (B) | 1.1 | | | | 1.1 | | | | 1.1 | | | | 1.1 | | | | 1.1 | | | |
| (C)=(A)×(B) | | | 1.10 | | 6.60 | | | | | | 4.95 | 4.40 | | | 7.15 | | | | 4.40 | |
| 設計数量 (D)=Σ(C) | 1.10 ----> 1 | | | | 6.60 ----> 6 | | | | 9.35 ----> 9 | | | | 7.15 ----> 7 | | | | 4.40 ----> 4 | | | |
| 電工単位工量(E)=(E0) | 0.013 | 0.020 | 0.017 | 0.015 | 0.020 | 0.031 | 0.026 | 0.023 | 0.013 | 0.020 | 0.017 | 0.015 | 0.012 | 0.018 | 0.015 | 0.013 | 0.008 | 0.013 | 0.011 | 0.009 |
| 電工量 (C)×(E) | | | 0.018 | | 0.132 | | | | | | 0.084 | 0.066 | | | 0.107 | | | | 0.048 | |

材 料 集 計 表 - 2

[萱草流量計室]

| 内訳区分 | HIVE 28 mm | | | | HIVE 22 mm | | | | FEP 30 mm | | | | | | | |
|----------------|---------------|-------|--|--|---------------|-------|--|--|--------------|-------|-------|--|--|--|--|--|
| | 露出 | 埋込 | | | 露出 | 埋込 | | | 露出 | 埋込 | | | | | | |
| | CHK (1- 2) | 17.0 | | | | 3.0 | | | | | 4.0 | | | | | |
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| 合計値 (A) | 17.0 | | | | 3.0 | | | | | 4.0 | | | | | | |
| 補完率 (B) | 1.1 | | | | 1.1 | | | | 1.1 | | | | | | | |
| (C)=(A)×(B) | 18.70 | | | | 3.30 | | | | | 4.40 | | | | | | |
| 設計数量 (D)=(C) | 18 | | | | 3 | | | | | 4 | | | | | | |
| 電工単位工量(E)=(E0) | 0.076 | 0.064 | | | 0.064 | 0.054 | | | | 0.026 | 0.026 | | | | | |
| 電工量 (C)×(E) | 1.421 | | | | 0.211 | | | | | 0.114 | | | | | | |

材 料 集 計 表 - 3

[萱草流量計室]

| 内訳書番号 | 接地装置 | 接地装置 | 接地装置 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 |
|--------------|---------------|---------------|-------------|--------------------|---------------|---------|-----------|---------------|
| | 接地棒 | 接地棒用 リード端子 | 単独打込 | プルボックス (SUS-WP) | ケーブル 埋設シート | 鋼管ポール | 強力バンド | 自在バンド |
| | φ14*1500 本 | φ14用 本 | (歩掛り) 個所 | 200*200*200 個 | m | 8m 本 | 19cm 個 | 3BD-HD17 個 |
| | | | | | | | | |
| ZHK (1- 1) | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 2 |
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| 合計値 (A) | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 2 |
| 補完率 (B) | | | | | 1.05 | | | |
| (C)=(A)×(B) | 1 | 1 | 1 | 1 | 4.20 | 1 | 1 | 2 |
| 設計数量 (D)=(C) | 1 | 1 | | 1 | 4 | 1 | 1 | 2 |
| 電工 単位工量 (E) | | | | 0.18 | 0.30 | | | |
| 工 量 (C)×(E) | | | | 0.18 | 0.30 | | | |

材 料 集 計 表 - 4

[萱草流量計室]

| 内訳書番号 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 |
|----------------|---------|------------|-------------|-----------------|------|--------|--------------|--------|
| | 自在バンド | 支線 (材料) | 支線 (歩掛り) | ステー ブロック | 玉がいし | 巻付グリップ | 支線ガード | 根かせ |
| | IBT-212 | 22sq | 22sq | 500*250 ロッド付 | | | 硬質 ポリエチレン | (バンド付) |
| | 個 | kg | 箇所 | 組 | 個 | 個 | 本 | 個 |
| ZHK (1- 2) | 5 | 1.4 | 1 | 1 | 1 | 4 | 1 | 1 |
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| 合計値 (A) | 5 | 1.4 | 1 | 1 | 1 | 4 | 1 | 1 |
| 設計数量 (D)=(A) | 5 | 1.4 | | 1 | 1 | 4 | 1 | 1 |
| 電工 単位工量 (E) | | | 0.67 | | | | | |
| 工 量 (A) × (E) | | | 0.67 | | | | | |
| 普通作業員 単位工量 (E) | | | 0.261 | | | | | |
| 工 量 (A) × (E) | | | 0.261 | | | | | |

萱草流量計室

材 料 内 訳 表

| NO | 配線区間 自 至 | | 600V EM-CE | | | | EM-EE | | | | EM-CEE-S | | | | 専用ケーブル | | | | EM-IE | | | |
|--------|-------------|--------|------------|----|-----|-----|--------|----|-----|-----|----------|-----|-----|-----|--------|-----|-----|-----|--------|----|-----|--|
| | | | 3.5 sq | | | | 5.5 sq | | | | 2 sq | | | | | | | | 3.5 sq | | | |
| | | | 2 c | | | | 2 c | | | | 2 c | | | | | | | | | | | |
| | | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | |
| | 引込点 | 引込開閉器盤 | | | | | 6.0 | | | | | | | | | | | | | | | |
| | 引込開閉器盤 | 計装テレメー | | | 1.0 | | | | | | | | | | | | | | | | 1.0 | |
| | 計装テレメー | 流量計 | | | | | | | | | | 4.5 | 4.0 | | | | | | | | | |
| | 計装テレメー | アンテナ | | | | | | | | | | | | | | 6.5 | | | | | | |
| | 引込開閉器盤 | ED | | | | | | | | | | | | | | | | | | | 3.0 | |
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| (1/2) | CHK (1- 1) | | | | 1.0 | | 6.0 | | | | | | 4.5 | 4.0 | | | 6.5 | | | | 4.0 | |

萱草流量計室

材 料 内 訳 表

| NO | 配線区間 自 至 | | HIVE 28 mm | | | | HIVE 22 mm | | | | FEP 30 mm | | | | | | | |
|--------|-------------|--------|---------------|----|--|--|---------------|----|--|-----|--------------|----|--|--|--|--|--|--|
| | | | 露出 | 埋込 | | | 露出 | 埋込 | | | 露出 | 埋込 | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | 引込開閉器盤 | 計装テレメー | 1.0 | | | | | | | | | | | | | | | |
| | 引込点 | 計装テレメー | 6.0 | | | | | | | | | | | | | | | |
| | 計装テレメー | 流量計 | 3.5 | | | | | | | | | | | | | | | |
| | 計装テレメー | 流量計 | | | | | | | | 4.0 | | | | | | | | |
| | 計装テレメー | アンテナ | 6.5 | | | | | | | | | | | | | | | |
| | 引込開閉器盤 | ED | | | | | 3.0 | | | | | | | | | | | |
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| (2/2) | CHK (1- 2) | | 17.0 | | | | 3.0 | | | | 4.0 | | | | | | | |

| NO | 区分 | 接地装置 | 同 左 | 同 左 | 電柱類 | 同 左 | 同 左 | 同 左 | 同 左 |
|-------|-----------|----------|---------------|-------|--------------------|---------------|-------|-------|----------|
| | | 接地棒 | 接地棒用 リード端子 | 単独打込 | プルボックス (SUS-WP) | ケーブル 埋設シート | 鋼管ポール | 強力バンド | 自在バンド |
| | | φ14*1500 | φ14用 | (歩掛り) | 200*200*200 | | 8m | 19cm | 3BD-HD17 |
| | | 本 | 本 | 個所 | 個 | m | 本 | 個 | 個 |
| | | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 2 |
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| (1/2) | ZHK (1-1) | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 2 |

| NO | 区分 | 電柱類 | 同 左 | 同 左 | 同 左 | 同 左 | 同 左 | 同 左 | 同 左 |
|--------|-------------|---------|------------|-------------|-----------------|------|--------|--------------|---------------|
| | | 自在バンド | 支線 (材料) | 支線 (歩掛り) | ステー ブロック | 玉がいし | 巻付グリップ | 支線ガード | 根かせ (バンド付) |
| | | IBT-212 | 22sq | 22sq | 500*250 ロッド付 | | | 硬質 ポリエチレン | |
| | | 個 | kg | 箇所 | 組 | 個 | 個 | 本 | 個 |
| | | 5 | 1.4 | 1 | 1 | 1 | 4 | 1 | 1 |
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| (2/2) | ZHK (1- 2) | 5 | 1.4 | 1 | 1 | 1 | 4 | 1 | 1 |

| No | 自 | 至 | 種別・サイズ・本数 | 経路 | 合計 | 計 算 | |
|----|----------|----------|-------------------------|--------------|-----|--------------------|--------------|
| | 引込点 | 引込開閉器盤 | EM-EE 5.5 sq - 2 c | P&D | 6.0 | (6.0) | |
| | | | | RACK | | | |
| | | | | CP | | | |
| | | | | FEP | | | |
| | | | | CP | | | |
| | | | | 露出 埋込 | | | |
| | 引込開閉器盤 | 計装テレメータ盤 | 600V EM-CE 3.5 sq - 2 c | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | 1.0 | (0.5)+ (0.5) | |
| | | | | FEP | | | |
| | | | | EM-IE 3.5 sq | CP | 1.0 | (0.5)+ (0.5) |
| | | | | HIVE 28 mm | 露出 | 1.0 | (0.5)+ (0.5) |
| | 引込点 | 計装テレメータ盤 | HIVE 28 mm | 埋込 | | | |
| | | | | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | | | |
| | | | | FEP | | | |
| | | | | CP | | | |
| | 計装テレメータ盤 | 流量計 | EM-CEE-S 2 sq - 2 c | 露出 | 6.0 | (6.0) | |
| | | | | 埋込 | | | |
| | | | | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | 4.5 | (2.0)+ 1.5 + (1.0) | |
| | | | | FEP | 4.0 | 2.5 + 1.5 | |
| | 計装テレメータ盤 | 流量計 | HIVE 28 mm | CP | | | |
| | | | | 露出 | 3.5 | (2.0)+ 1.5 | |
| | | | | 埋込 | | | |
| | | | | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | | | |
| | 計装テレメータ盤 | 流量計 | FEP 30 mm | FEP | | | |
| | | | | 露出 | | | |
| | | | | 埋込 | 4.0 | 2.5 + 1.5 | |
| | | | | CP | | | |
| | | | | FEP | | | |
| | | | | CP | | | |

| 機器名称 | 形状 | 単位 | 数量 | 技術者 | | 電工 | | 技術者単体調整 | | | | 歩掛 ページ | 機器重量(t) | | 備考 |
|-----------|-----|----|----|-------------------|-----------|-----------------|-----|---------|----|------|----|-----------|---------|----|----|
| | | | | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | | 単位重量 | 重量 | |
| 流量計φ80 | 隔測式 | 台 | 1 | 0.79*0.4 =0.31 | # 0.31 | 2.5*0.4 =1.0 | 1.0 | | | | | | | | |
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| 計 (S-101) | | | # | 0.31 | ---> | 0.31 | + | 1.0 | | | | | | | |
| | | | | | | 1.31 | | | | | | | | | |

#印は再使用しない撤去なので技術者を電工に読み替える

萱 草 流 量 計 室

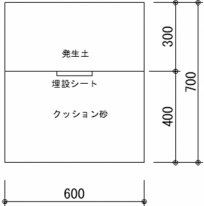
数 量 計 算 書

(土工計算書)

計 算 書 (1 / 1)

(設備名)

萱草流量計室

| 電路 | 名 称 | 電路掘削 | 数量 4.0 m | 掘削 H1 × W × L 0.70 × 0.60 × 4.00 = 1.68 | 1.68 m ³ | | | |
|--|-----|------|----------|---|---------------------|--|--|--|
|  <p>H1 (深さ) = 0.70 W (幅) = 0.60 L (延長) = 4.00 h1 (砂) = 0.40</p> | | | | 砂埋戻工 h1 × W × L 0.40 × 0.60 × 4.00 = 0.96 | 0.96 m ³ | | | |
| | | | | 発土土埋戻工 1.68 - 0.96 = 0.72 | 0.72 m ³ | | | |
| | | | | 残土処理工 掘削 1.68 - 0.72 = 0.96 | 0.96 m ³ | | | |
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電 気 計 装 ・ 機 械 設 備 工 事 数 量 計 算 書

【 根子浄水場・配水池 】

物件名： 新規物件

Dグループ

集計設備（機材内容）

4. 根子配水池 （ケーブル類 材料類 機器類）

機器数量(撤去)

数量・単位は据付入力欄のものとしてます [根子配水池]

| | | | | |
|-----|----|-----|---|---|
| (1) | 機器 | 水位計 | 組 | 1 |
|-----|----|-----|---|---|

| | | | | |
|-----|----|-------|---|---|
| (2) | 機器 | 滅菌制御盤 | 面 | 1 |
|-----|----|-------|---|---|

人 工 集 計 表

[根子配水池]

| 集計表名称 | 据付・配線工 | | | | | | 単体調整 技術者 | 重量(撤去重量) (t) | 試験工 | | | | |
|--------------------|--------|--------|--|--|--|--|-------------|-------------------|------|-----|--|--|--|
| | 技術者 | 電 工 | | | | | | | 技術者 | 電 工 | | | |
| 据付工集計表(S-401) | 4.69 | 13.3 | | | | | 1.8 | | | | | | |
| 試験工集計表(T-401) | | | | | | | | | 0.32 | | | | |
| 材料集計表-1 | | 0.747 | | | | | | | | | | | |
| 材料集計表-2 | | 0.134 | | | | | | | | | | | |
| 材料集計表-3 | | 2.591 | | | | | | | | | | | |
| 材料集計表-4 | | 0.60 | | | | | | | | | | | |
| (撤 去)据付工集計表(S-401) | | 3.23 | | | | | | | | | | | |
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| 合計 | 4.69 | 20.602 | | | | | 1.8 | | 0.32 | | | | |
| 設計数量 | 4 | 20 | | | | | 1 | | 1 | | | | |

根子配水池 (1/ 1)

据 付 工 集 計 表

[根子配水池]

| 機 器 名 称 | 形 状 | 単位 | 数量 | 技術者 | | 電 工 | | 技術者単体調整 | | | | 歩 掛 ページ | 機器重量(t) | | 備 考 |
|---------------------|--------|----|----|--------------------|------|-----------------|------|------------------|-----|------|----|------------|---------|----|-----|
| | | | | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | | 単位重量 | 重量 | |
| 計装テレメータ盤 | 自立形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | |
| 水位計収納盤 | 自立形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | |
| 投込式水位計 | 投込式水位計 | 組 | 1 | 0.41+0.38 =0.79 | 0.79 | 1.3+1.2 =2.5 | 2.5 | 1.3+0.56 =1.8 | 1.8 | | | | | | |
| 滅菌制御盤 | 壁掛形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | |
| 既設 分電盤機能増設 | | 面 | 1 | | | | | | | | | | | | |
| テレメータ装置 根子流量計室子局 | | 式 | 1 | | | | | | | | | | | | |
| システム調整費 | | 式 | 1 | | | | | | | | | | | | |
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| 計 (S-401) | | | | | 4.69 | | 13.3 | | 1.8 | | | | | | |

材 料 集 計 表 - 1

[根子配水池]

| 内訳区分 | 600V EM-CE | | | | 600V EM-CE | | | | EM-CEE | | | | EM-CEE-S | | | | 専用ケーブル | | | | |
|----------------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|--|
| | 3.5 sq | | | | 2 sq | | | | 1.25 sq | | | | 2 sq | | | | | | | | |
| | 2 c | | | | 2 c | | | | 10 c | | | | 2 c | | | | | | | | |
| | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | |
| CHK (4- 1) | | | 8.0 | | | | 3.5 | | | | 8.5 | | | | 3.5 | | | | | 7.5 | |
| | | | | | | | | | | | | | | | | | | | | | |
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| 合計値 (A) | | | 8.0 | | | | 3.5 | | | | 8.5 | | | | 3.5 | | | | | 7.5 | |
| 補完率 (B) | 1.1 | | | | 1.1 | | | | 1.1 | | | | 1.1 | | | | 1.1 | | | | |
| (C)=(A)×(B) | | | 8.80 | | | | 3.85 | | | | 9.35 | | | | 3.85 | | | | | 8.25 | |
| 設計数量 (D)=Σ(C) | 8.80 ----> 8 | | | | 3.85 ----> 3 | | | | 9.35 ----> 9 | | | | 3.85 ----> 3 | | | | 8.25 ----> 8 | | | | |
| 電工単位工量(E)=(E0) | 0.013 | 0.020 | 0.017 | 0.015 | 0.013 | 0.020 | 0.017 | 0.015 | 0.029 | 0.044 | 0.037 | 0.033 | 0.013 | 0.020 | 0.017 | 0.015 | 0.012 | 0.018 | 0.015 | 0.013 | |
| 電工量 (C)×(E) | | | 0.149 | | | | 0.065 | | | | 0.345 | | | | 0.065 | | | | | 0.123 | |

材 料 集 計 表 - 2

[根子配水池]

| 内訳区分 | EM-IE | | | | EM-IE | | | | | | | | | | | |
|----------------|--------|--------------|-------|-------|-------|--------------|-------|-------|--|--|--|--|--|--|--|--|
| | 3.5 sq | | | | 2 sq | | | | | | | | | | | |
| | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | | | | | | | | |
| CHK (4- 2) | | | 8.0 | | | | 3.5 | | | | | | | | | |
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| 合計値 (A) | | | 8.0 | | | | 3.5 | | | | | | | | | |
| 補完率 (B) | | 1.1 | | | | 1.1 | | | | | | | | | | |
| (C)=(A)×(B) | | | 8.80 | | | | 3.85 | | | | | | | | | |
| 設計数量 (D)=Σ(C) | | 8.80 ----> 8 | | | | 3.85 ----> 3 | | | | | | | | | | |
| 電工単位工量(E)=(E0) | 0.008 | 0.013 | 0.011 | 0.009 | 0.008 | 0.012 | 0.010 | 0.009 | | | | | | | | |
| 電工量 (C)×(E) | | | 0.096 | | | | 0.038 | | | | | | | | | |

材 料 集 計 表 - 3

[根子配水池]

| 内訳区分 | HIVE | | | | | | | | | | | | | | | | | | | |
|----------------|-------|-------|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 28 mm | | | | | | | | | | | | | | | | | | | |
| | 露出 | 埋込 | | | | | | | | | | | | | | | | | | |
| CHK (4- 2) | 31.0 | | | | | | | | | | | | | | | | | | | |
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| 合計値 (A) | 31.0 | | | | | | | | | | | | | | | | | | | |
| 補完率 (B) | | | 1.1 | | | | | | | | | | | | | | | | | |
| (C)=(A)×(B) | 34.10 | | | | | | | | | | | | | | | | | | | |
| 設計数量 (D)=(C) | 34 | | | | | | | | | | | | | | | | | | | |
| 電工単位工量(E)=(E0) | 0.076 | 0.064 | | | | | | | | | | | | | | | | | | |
| 電工量 (C)×(E) | 2.591 | | | | | | | | | | | | | | | | | | | |

材 料 集 計 表 - 4

[根子配水池]

| 内訳書番号 | 電柱類 | 電柱類 | | | | | | |
|---------------|--------------------|-------|--|--|--|--|--|--|
| | プルボックス (SUS-WP) | 鋼管ポール | | | | | | |
| | 200*200*200 | 4.5m | | | | | | |
| | 個 | 本 | | | | | | |
| ZHK (4- 1) | 2 | 1 | | | | | | |
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| 合計値 (A) | 2 | 1 | | | | | | |
| 設計数量 (D)=(A) | 2 | 1 | | | | | | |
| 電工 単位工量 (E) | 0.30 | | | | | | | |
| 工 量 (A) × (E) | 0.60 | | | | | | | |

根子配水池

材 料 内 訳 表

| NO | 配線区間 自 至 | | 600V EM-CE | | | | 600V EM-CE | | | | EM-CEE | | | | EM-CEE-S | | | | 専用ケーブル | | | |
|--------|-------------|-------------|------------|------|-----|-----|------------|------|----|-----|---------|------|----|-----|----------|------|----|-----|--------|------|-----|-----|
| | | | 3.5 sq | | | | 2 sq | | | | 1.25 sq | | | | 2 sq | | | | | | | |
| | | | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP |
| | 分電盤 | 計装テレメー | | | 8.0 | | | | | | | | | | | | | | | | | |
| | 滅菌制御盤 | 計装テレメー | | | | | | | | | | 8.5 | | | | | | | | | | |
| | 計装テレメー | 水位計収納盤 | | | | | | 3.5 | | | | | | | | | | | | | | |
| | 計装テレメー | 水位計収納盤 | | | | | | | | | | | | | | 3.5 | | | | | | |
| | 計装テレメー | アンテナ | | | | | | | | | | | | | | | | | | | 7.5 | |
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| (1/2) | | CHK (4- 1) | | | 8.0 | | | | | 3.5 | | | | 8.5 | | | | 3.5 | | | 7.5 | |

根子配水池

材 料 内 訳 表

| NO | 配線区間 自 至 | | EM-IE | | | | EM-IE | | | | HIVE | | | | | | | | |
|--------|-------------|--------|--------|------|-----|-----|-------|------|----|-----|-------|----|------|--|--|--|--|--|--|
| | | | 3.5 sq | | | | 2 sq | | | | 28 mm | | | | | | | | |
| | | | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | 露出 | 埋込 | | | | | | | |
| | 分電盤 | 計装テレメー | | | 8.0 | | | | | | | | 8.0 | | | | | | |
| | 滅菌制御盤 | 計装テレメー | | | | | | | | | | | 8.5 | | | | | | |
| | 計装テレメー | 水位計収納盤 | | | | | | | | 3.5 | | | 3.5 | | | | | | |
| | 計装テレメー | 水位計収納盤 | | | | | | | | | | | 3.5 | | | | | | |
| | 計装テレメー | アンテナ | | | | | | | | | | | 7.5 | | | | | | |
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| (2/2) | CHK (4- 2) | | | | 8.0 | | | | | 3.5 | | | 31.0 | | | | | | |

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|--------|-------------|--------------------|-------|--|--|--|--|--|--|
| NO | 区分 | 電柱類 | 同 左 | | | | | | |
| | | ブルボックス (SUS-WP) | 鋼管ボール | | | | | | |
| | | 200*200*200 | 4.5m | | | | | | |
| | | 個 | 本 | | | | | | |
| | | 2 | 1 | | | | | | |
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| (1/1) | ZHK (4- 1) | 2 | 1 | | | | | | |

| No | 自 | 至 | 種別・サイズ・本数 | 経路 | 合計 | 計 算 |
|----|----------|----------|-------------------------|------|-----|---|
| | 分電盤 | 計装テレメータ盤 | 600V EM-CE 3.5 sq - 2 c | P&D | | |
| | | | | RACK | | |
| | | | | CP | 8.0 | (0.5)+ 2.0 + (2.0)+ (2.0)+ 1.0 + (0.5) |
| | | | | FEP | | |
| | | | EM-IE 3.5 sq | CP | 8.0 | (0.5)+ 2.0 + (2.0)+ (2.0)+ 1.0 + (0.5) |
| | | | HIVE 28 mm | 露出 | 8.0 | (0.5)+ 2.0 + (2.0)+ (2.0)+ 1.0 + (0.5) |
| | | | 埋込 | | | |
| | 滅菌制御盤 | 計装テレメータ盤 | EM-CEE 1.25 sq - 10 c | P&D | | |
| | | | | RACK | | |
| | | | | CP | 8.5 | (0.5)+ 2.0 + (2.0)+ (2.0)+ 1.0 + (0.5)+ 0.5 |
| | | | | FEP | | |
| | | | | CP | | |
| | | | HIVE 28 mm | 露出 | 8.5 | (0.5)+ 2.0 + (2.0)+ (2.0)+ 1.0 + (0.5)+ 0.5 |
| | | | 埋込 | | | |
| | 計装テレメータ盤 | 水位計収納盤 | 600V EM-CE 2 sq - 2 c | P&D | | |
| | | | | RACK | | |
| | | | | CP | 3.5 | (0.5)+ 2.5 + (0.5) |
| | | | | FEP | | |
| | | | EM-IE 2 sq | CP | 3.5 | (0.5)+ 2.5 + (0.5) |
| | | | HIVE 28 mm | 露出 | 3.5 | (0.5)+ 2.5 + (0.5) |
| | | | 埋込 | | | |
| | 計装テレメータ盤 | 水位計収納盤 | EM-CEE-S 2 sq - 2 c | P&D | | |
| | | | | RACK | | |
| | | | | CP | 3.5 | (0.5)+ 2.5 + (0.5) |
| | | | | FEP | | |
| | | | | CP | | |
| | | | HIVE 28 mm | 露出 | 3.5 | (0.5)+ 2.5 + (0.5) |
| | | | 埋込 | | | |
| | 計装テレメータ盤 | アンテナ | 専用ケーブル | P&D | | |
| | | | | RACK | | |
| | | | | CP | 7.5 | (0.5)+ 2.5 + (4.5) |
| | | | | FEP | | |
| | | | | CP | | |
| | | | HIVE 28 mm | 露出 | 7.5 | (0.5)+ 2.5 + (4.5) |
| | | | 埋込 | | | |

| 機器名称 | 形状 | 単位 | 数量 | 技術者 | | 電工 | | 技術者単体調整 | | | | 歩掛 ページ | 機器重量(t) | | 備考 | |
|-----------|-----|----|----|-------------------|-----------|-----------------|-----|---------|----|------|----|-----------|---------|----|----|--|
| | | | | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | | 単位重量 | 重量 | | |
| 水位計 | 機械式 | 組 | 1 | 0.79*0.4 =0.31 | # 0.31 | 2.5*0.4 =1.0 | 1.0 | | | | | | | | | |
| 滅菌制御盤 | 壁掛形 | 面 | 1 | 1.3*0.4 =0.52 | # 0.52 | 3.6*0.4 =1.4 | 1.4 | | | | | | | | | |
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| 計 (S-401) | | | # | 0.83 | ---> | 0.83 | + | 2.4 | | | | | | | | |
| | | | | | | 3.23 | | | | | | | | | | |

#印は再使用しない撤去なので技術者を電工に読み替える

根

子

配

水

池

数量計算書
(機械設備)

労務工数集計表

根子配水池

| 工種 \ 労務工 | 機械設備据付工 | 設備機械工 | 配管工 | 普通作業員 | | | 備考 |
|----------|---------|-------|-----|-------|--|--|----|
| 機器据付 | 0.670 | | | 0.080 | | | |
| 機器撤去 | | 0.560 | | 0.070 | | | |
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| | | | | | | | |
| 計 | 0.670 | 0.560 | | 0.150 | | | |
| 設計人工 | 1 人 | 1 人 | | 1 人 | | | |

記
有効数字3桁（次の位及び小数点以下は切り捨て）

根

子

淨

水

場

数 量 計 算 書

(土工計算書)

計 算 書 (1 / 1)

(設備名)

根子浄水場

| 電路 | 名 称 | 電路掘削 | 数 量 | | | | |
|---|-----|-------|-----------|--------|---------------------------------------|---------------------|--|
| | | | | 掘削工 | | m ³ | |
| | | | | 砂埋戻工 | | m ³ | |
| | | | | 発生土埋戻工 | | m ³ | |
| | | | | 残土処理工 | | m ³ | |
| | | | | | | | |
| | | | | | | | |
| 基礎 | 名 称 | ポール基礎 | 数量 1.0 箇所 | トコンクリ | $0.30 \times 0.30 \times 0.10 = 0.01$ | 0.01 m ³ | |
| | | | | 型 | $0.3 \times 0.1 = 0.03$ | | |
| | | | | 枠工 | $0.03 \times 4.00 = 0.12$ | 0.12 m ² | |
| | | | | | | | |
| <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>300 H100 コンクリート 300</p> </div> | | | | | | | |
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電 気 計 装 設 備 工 事 数 量 計 算 書

【 根 子 流 量 計 室 】

物件名： 新規物件

Cグループ

集計設備（機材内容）

3. 根子流量計室 （ケーブル類 材料類 機器類）

機器数量

数量は機器金額入力欄の数量とします [根子流量計室]

| | | | | |
|-----|----|-----------------|---|---|
| (1) | 機器 | 引込開閉器盤 | 面 | 1 |
| (2) | 機器 | 計装テレメータ盤 | 面 | 1 |
| (3) | 機器 | テレメータ装置阿仁合浄水場子局 | 式 | 1 |
| (4) | 機器 | テレメータ装置根子浄水場親局 | 式 | 1 |
| (5) | 機器 | 流量計φ80 | 組 | 1 |

| 材 料 数 量 | | | (*) 印は工量無 | [根子流量計室] |
|---------|--------|---------------------------------|-----------|----------|
| (1) | 低圧ケーブル | 600V EM-CE 3.5 sq- 2 c | m | 1 |
| (2) | 低圧ケーブル | EM-EE 5.5 sq- 2 c | m | 6 |
| (3) | 制御ケーブル | EM-CEE-S 2 sq- 2 c | m | 9 |
| (4) | 制御ケーブル | 専用ケーブル | m | 7 |
| (5) | その他電線 | EM-IE 3.5 sq | m | 4 |
| (6) | 電線管類 | HIVE 28 mm (露出) | m | 18 |
| (7) | 電線管類 | HIVE 22 mm (露出) | m | 3 |
| (8) | 電線管類 | FEP 30 mm (埋込) | m | 4 |
| (9) | 接地装置 | 接地棒 φ14*1500 | 本 | 1 (*) |
| (10) | 接地装置 | 接地棒用リード端子 φ14用 | 本 | 1 (*) |
| (11) | 電柱類 | プルボックス (SUS-WP) 200*200*200 | 個 | 1 |
| (12) | 電柱類 | ケーブル埋設シート | m | 4 |
| (13) | 電柱類 | 鋼管ポール 8m | 本 | 1 (*) |
| (14) | 電柱類 | 強力バンド 19cm | 個 | 1 (*) |
| (15) | 電柱類 | 自在バンド 3BD-HD17 | 個 | 2 (*) |
| (16) | 電柱類 | 自在バンド IBT-212 | 個 | 5 (*) |
| (17) | 電柱類 | 支線 (材料) 22sq | kg | 1.4 (*) |
| (18) | 電柱類 | ステーブロック 500*250 ^{mm} 付 | 組 | 1 (*) |
| (19) | 電柱類 | 玉がいし | 個 | 1 (*) |
| (20) | 電柱類 | 巻付グリップ | 個 | 4 (*) |
| (21) | 電柱類 | 支線ガード 虎印 | 本 | 1 (*) |
| (22) | 電柱類 | 根かせ (バンド付) | 個 | 1 (*) |
| (23) | 一般労務費 | 電 工 (据付) | 人 | 11 |
| (24) | 一般労務費 | 普通作業員 (据付) | 人 | 1 |
| (25) | 技術労務費 | 技術者 (据付) | 人 | 3 |

材 料 数 量

(*) 印は工量無

[根子流量計室]

| | | | | |
|------|-------|------------|---|---|
| (26) | 技術労務費 | 技術者 (単体調整) | 人 | 1 |
| (27) | 技術労務費 | 技術者 (組合試験) | 人 | 1 |

複合工数量

| | | | | |
|-------|------|-----------------|----|-----|
| (1) | 複合工費 | システム調整費 | 式 | 1 |
| (2) | 複合工費 | 申請手続費NTT光ネクスト回線 | 式 | 1 |
| (3) | 複合工費 | コアはつり(φ50) | 箇所 | 1 |
| (4) | 複合工費 | 管路掘削工 | m3 | 1.7 |
| (5) | 複合工費 | 管路埋戻工(山砂) | m3 | 1 |
| (6) | 複合工費 | 管路埋戻工(発生土) | m3 | 0.7 |
| (7) | 複合工費 | 整地 | m3 | 1 |

機器数量(撤去)

数量・単位は据付入力欄のものとしませう[根子流量計室]

(1) 機器

流量計φ80

台

1

人 工 集 計 表

[根子流量計室]

| 集計表名称 | 据付・配線工 | | | | | | 単体調整 技術者 | 重量(撤去重量) (t) | 試験工 | | | | |
|--------------------|--------|--------|-------|--|--|--|-------------|-------------------|------|-----|--|--|--|
| | 技術者 | 電 工 | 普通作業員 | | | | | | 技術者 | 電 工 | | | |
| 据付工集計表(S-301) | 3.45 | 6.99 | | | | | 0.56 | | | | | | |
| 試験工集計表(T-301) | | | | | | | | | 0.32 | | | | |
| 材料集計表-1 | | 0.455 | | | | | | | | | | | |
| 材料集計表-2 | | 1.746 | | | | | | | | | | | |
| 材料集計表-3 | | 0.496 | | | | | | | | | | | |
| 材料集計表-4 | | 0.67 | 0.261 | | | | | | | | | | |
| (撤 去)据付工集計表(S-301) | | 1.31 | | | | | | | | | | | |
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| 合計 | 3.45 | 11.667 | 0.261 | | | | 0.56 | | 0.32 | | | | |
| 設計数量 | 3 | 11 | 1 | | | | 1 | | 1 | | | | |

| 機 器 名 称 | 形 状 | 単 位 | 数 量 | 技 術 者 | | 電 工 | | 技 術 者 単 体 調 整 | | | | 歩 掛 ペ ー ジ | 機 器 重 量 (t) | | 備 考 | |
|---------------------|-------|-----|-----|--------------------------|------|-------------------------|------|---------------|------|---------|-----|--------------|-------------|-----|-----|--|
| | | | | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | | 単 位 重 量 | 重 量 | | |
| 引込開閉器盤 | 屋外装柱形 | 面 | 1 | | 1.0 | | 2.0 | | | | | | | | | |
| 計装テレメータ盤 | 屋外装柱形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | | |
| テレメータ装置 阿仁合浄水場子局 | | 式 | 1 | | | | | | | | | | | | | |
| テレメータ装置 根子浄水場親局 | | 式 | 1 | | | | | | | | | | | | | |
| 流量計φ80 | 電磁式 | 台 | 1 | $[0.77]+[0.38]$ =1.15 | 1.15 | $[0.19]+[1.2]$ =1.39 | 1.39 | | 0.56 | | | | | | | |
| システム調整費 | | 式 | 1 | | | | | | | | | | | | | |
| 申請手続費 | | 式 | 1 | | | | | | | | | | | | | |
| NTT光ネクスト回線 | | 式 | 1 | | | | | | | | | | | | | |
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| 計 (S-301) | | | | | 3.45 | | 6.99 | | 0.56 | | | | | | | |

材 料 集 計 表 - 1

[根子流量計室]

| 内訳区分 | 600V EM-CE | | | | EM-EE | | | | EM-CEE-S | | | | 専用ケーブル | | | | EM-IE | | | |
|----------------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|--------------|-------|-------|-------|
| | 3.5 sq | | | | 5.5 sq | | | | 2 sq | | | | | | | | 3.5 sq | | | |
| | 2 c | | | | 2 c | | | | 2 c | | | | | | | | | | | |
| | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP |
| CHK (3- 1) | | | 1.0 | | 6.0 | | | | | | 4.5 | 4.0 | | | 6.5 | | | | 4.0 | |
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| 合計値 (A) | | | 1.0 | | 6.0 | | | | | | 4.5 | 4.0 | | | 6.5 | | | | 4.0 | |
| 補完率 (B) | 1.1 | | | | 1.1 | | | | 1.1 | | | | 1.1 | | | | 1.1 | | | |
| (C)=(A)×(B) | | | 1.10 | | 6.60 | | | | | | 4.95 | 4.40 | | | 7.15 | | | | 4.40 | |
| 設計数量 (D)=Σ(C) | 1.10 ----> 1 | | | | 6.60 ----> 6 | | | | 9.35 ----> 9 | | | | 7.15 ----> 7 | | | | 4.40 ----> 4 | | | |
| 電工単位工量(E)=(E0) | 0.013 | 0.020 | 0.017 | 0.015 | 0.020 | 0.031 | 0.026 | 0.023 | 0.013 | 0.020 | 0.017 | 0.015 | 0.012 | 0.018 | 0.015 | 0.013 | 0.008 | 0.013 | 0.011 | 0.009 |
| 電工量 (C)×(E) | | | 0.018 | | 0.132 | | | | | | 0.084 | 0.066 | | | 0.107 | | | | 0.048 | |

材 料 集 計 表 - 3

[根子流量計室]

| 内訳書番号 | 接地装置 | 接地装置 | 接地装置 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 |
|--------------|---------------|---------------|-------------|--------------------|---------------|---------|-----------|---------------|
| | 接地棒 | 接地棒用 リード端子 | 単独打込 | プルボックス (SUS-WP) | ケーブル 埋設シート | 鋼管ポール | 強力バンド | 自在バンド |
| | φ14*1500 本 | φ14用 本 | (歩掛り) 個所 | 200*200*200 個 | m | 8m 本 | 19cm 個 | 3BD-HD17 個 |
| | | | | | | | | |
| ZHK (3- 1) | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 2 |
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| 合計値 (A) | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 2 |
| 補完率 (B) | | | | | 1.05 | | | |
| (C)=(A)×(B) | 1 | 1 | 1 | 1 | 4.20 | 1 | 1 | 2 |
| 設計数量 (D)=(C) | 1 | 1 | | 1 | 4 | 1 | 1 | 2 |
| 電工 単位工量 (E) | | | 0.18 | 0.30 | 0.004 | | | |
| 工 量 (C)×(E) | | | 0.18 | 0.30 | 0.016 | | | |

材 料 集 計 表 - 4

[根子流量計室]

| 内訳書番号 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 | 電柱類 |
|----------------|---------|------------|-------------|-----------------|------|--------|--------------|--------|
| | 自在バンド | 支線 (材料) | 支線 (歩掛り) | ステー ブロック | 玉がいし | 巻付グリップ | 支線ガード | 根かせ |
| | IBT-212 | 22sq | 22sq | 500*250 ロッド付 | | | 硬質 ポリエチレン | (バンド付) |
| | 個 | kg | 箇所 | 組 | 個 | 個 | 本 | 個 |
| ZHK (3- 2) | 5 | 1.4 | 1 | 1 | 1 | 4 | 1 | 1 |
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| 合計値 (A) | 5 | 1.4 | 1 | 1 | 1 | 4 | 1 | 1 |
| 設計数量 (D)=(A) | 5 | 1.4 | | 1 | 1 | 4 | 1 | 1 |
| 電工 単位工量 (E) | | | 0.67 | | | | | |
| 工 量 (A) × (E) | | | 0.67 | | | | | |
| 普通作業員 単位工量 (E) | | | 0.261 | | | | | |
| 工 量 (A) × (E) | | | 0.261 | | | | | |

根子流量計室

材 料 内 訳 表

| NO | 配線区間 自 至 | | 600V EM-CE | | | | EM-EE | | | | EM-CEE-S | | | | 専用ケーブル | | | | EM-IE | | | |
|--------|-------------|--------|------------|----|-----|-----|--------|----|-----|-----|----------|-----|-----|-----|--------|-----|-----|-----|--------|----|-----|--|
| | | | 3.5 sq | | | | 5.5 sq | | | | 2 sq | | | | | | | | 3.5 sq | | | |
| | | | 2 c | | | | 2 c | | | | 2 c | | | | | | | | | | | |
| | | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | |
| | 引込点 | 引込開閉器盤 | | | | | 6.0 | | | | | | | | | | | | | | | |
| | 引込開閉器盤 | 計装テレメー | | | 1.0 | | | | | | | | | | | | | | | | 1.0 | |
| | 計装テレメー | 流量計 | | | | | | | | | | 4.5 | 4.0 | | | | | | | | | |
| | 計装テレメー | アンテナ | | | | | | | | | | | | | | 6.5 | | | | | | |
| | 引込開閉器盤 | ED | | | | | | | | | | | | | | | | | | | 3.0 | |
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| (1/2) | CHK (3- 1) | | | | 1.0 | | 6.0 | | | | | 4.5 | 4.0 | | | 6.5 | | | | | 4.0 | |

| NO | 区分 | 接地装置 | 同 左 | 同 左 | 電柱類 | 同 左 | 同 左 | 同 左 | 同 左 |
|--------|-------------|----------|---------------|-------|--------------------|---------------|-------|-------|----------|
| | | 接地棒 | 接地棒用 リード端子 | 単独打込 | プルボックス (SUS-WP) | ケーブル 埋設シート | 鋼管ポール | 強力バンド | 自在バンド |
| | | φ14*1500 | φ14用 | (歩掛り) | 200*200*200 | | 8m | 19cm | 3BD-HD17 |
| | | 本 | 本 | 個所 | 個 | m | 本 | 個 | 個 |
| | | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 2 |
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| (1/2) | ZHK (3- 1) | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 2 |

| NO | 区分 | 電柱類 | 同 左 | 同 左 | 同 左 | 同 左 | 同 左 | 同 左 | 同 左 |
|--------|-------------|---------|------------|-------------|-----------------|------|--------|--------------|---------------|
| | | 自在バンド | 支線 (材料) | 支線 (歩掛り) | ステー ブロック | 玉がいし | 巻付グリップ | 支線ガード | 根かせ (バンド付) |
| | | IBT-212 | 22sq | 22sq | 500*250 ワット付 | | | 硬質 ポリエチレン | |
| | | 個 | kg | 箇所 | 組 | 個 | 個 | 本 | 個 |
| | | 5 | 1.4 | 1 | 1 | 1 | 4 | 1 | 1 |
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| (2/2) | ZHK (3- 2) | 5 | 1.4 | 1 | 1 | 1 | 4 | 1 | 1 |

| No | 自 | 至 | 種別・サイズ・本数 | 経路 | 合計 | 計 算 | |
|----|----------|----------|-------------------------|--------------|-----|--------------------|--------------|
| | 引込点 | 引込開閉器盤 | EM-EE 5.5 sq - 2 c | P&D | 6.0 | (6.0) | |
| | | | | RACK | | | |
| | | | | CP | | | |
| | | | | FEP | | | |
| | | | | CP | | | |
| | | | | 露出 埋込 | | | |
| | 引込開閉器盤 | 計装テレメータ盤 | 600V EM-CE 3.5 sq - 2 c | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | 1.0 | (0.5)+ (0.5) | |
| | | | | FEP | | | |
| | | | | EM-IE 3.5 sq | CP | 1.0 | (0.5)+ (0.5) |
| | | | | HIVE 28 mm | 露出 | 1.0 | (0.5)+ (0.5) |
| | 引込点 | 計装テレメータ盤 | HIVE 28 mm | 埋込 | | | |
| | | | | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | | | |
| | | | | FEP | | | |
| | | | | CP | | | |
| | 計装テレメータ盤 | 流量計 | EM-CEE-S 2 sq - 2 c | 露出 | 6.0 | (6.0) | |
| | | | | 埋込 | | | |
| | | | | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | 4.5 | (2.0)+ 1.5 + (1.0) | |
| | | | | FEP | 4.0 | 2.5 + 1.5 | |
| | 計装テレメータ盤 | 流量計 | HIVE 28 mm | CP | | | |
| | | | | 露出 | 3.5 | (2.0)+ 1.5 | |
| | | | | 埋込 | | | |
| | | | | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | | | |
| | 計装テレメータ盤 | 流量計 | FEP 30 mm | FEP | | | |
| | | | | 露出 | | | |
| | | | | 埋込 | 4.0 | 2.5 + 1.5 | |
| | | | | CP | | | |
| | | | | FEP | | | |
| | | | | CP | | | |

| No | 自 | 至 | 種別・サイズ・本数 | 経路 | 合計 | 計 算 | |
|----|----------|------|--------------|------|-----|--------------|--|
| | 計装テレメータ盤 | アンテナ | 専用ケーブル | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | 6.5 | (0.5)+ (6.0) | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 引込開閉器盤 | ED | EM-IE 3.5 sq | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | 3.0 | (3.0) | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | HIVE 28 mm | 露出 | 6.5 | (0.5)+ (6.0) | |
| | | | | 埋込 | | | |
| | | | | CP | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | EM-IE 3.5 sq | P&D | | | |
| | | | | RACK | | | |
| | | | | CP | 3.0 | (3.0) | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | HIVE 22 mm | 露出 | 3.0 | (3.0) | |
| | | | | 埋込 | | | |
| | | | | CP | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| 機器名称 | 形状 | 単位 | 数量 | 技術者 | | 電工 | | 技術者単体調整 | | | | 歩掛 ページ | 機器重量(t) | | 備考 | |
|-----------|-----|----|----|-------------------|-----------|-----------------|-----|---------|----|------|----|-----------|---------|----|----|--|
| | | | | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | | 単位重量 | 重量 | | |
| 流量計φ80 | 隔測式 | 台 | 1 | 0.79*0.4 =0.31 | # 0.31 | 2.5*0.4 =1.0 | 1.0 | | | | | | | | | |
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| 計 (S-301) | | | # | 0.31 | ---> | 0.31 | + | 1.0 | | | | | | | | |

#印は再使用しない撤去なので技術者を電工に読み替える

根 子 流 量 計 室

数 量 計 算 書

(土工計算書)

電 気 計 装 ・ 機 械 設 備 工 事 数 量 計 算 書

【 小 測 滅 菌 室 】

物件名： 新規物件

Eグループ

集計設備（機材内容）

5. 小淵薬注室 （ケーブル類 材料類 機器類）

機器数量

数量は機器金額入力欄の数量とします [小淵薬注室]

| | | | | |
|-----|----|-----------------|---|---|
| (1) | 機器 | 計装テレメータ盤 | 面 | 1 |
| (2) | 機器 | テレメータ装置小淵配水場親局 | 式 | 1 |
| (3) | 機器 | テレメータ装置阿仁合浄水場子局 | 式 | 1 |
| (4) | 機器 | 流量計φ80 | 組 | 1 |
| (5) | 機器 | 滅菌制御盤 | 面 | 1 |

| 材 料 数 量 | | | (*) 印は工量無 | [小測薬注室] |
|---------|--------|-----------------------------|-----------|---------|
| (1) | 低圧ケーブル | 600V EM-CE 3.5 sq- 2 c | m | 11 |
| (2) | 制御ケーブル | EM-CEE 1.25 sq- 10 c | m | 8 |
| (3) | 制御ケーブル | EM-CEE-S 2 sq- 2 c | m | 8 |
| (4) | 制御ケーブル | 専用ケーブル | m | 12 |
| (5) | その他電線 | EM-IE 3.5 sq | m | 11 |
| (6) | 電線管類 | HIVE 28 mm (露出) | m | 47 |
| (7) | 電線管類 | FEP 30 mm (埋込) | m | 1 |
| (8) | 電柱類 | プルボックス (SUS-WP) 200*200*200 | 個 | 2 |
| (9) | 電柱類 | ケーブル埋設シート | m | 1 |
| (10) | 電柱類 | 鋼管ポール 8m | 本 | 1 (*) |
| (11) | 電柱類 | 自在バンド IBT-212 | 個 | 5 (*) |
| (12) | 電柱類 | 根かせ (バンド付) | 個 | 1 (*) |
| (13) | 一般労務費 | 電 工 (据付) | 人 | 16 |
| (14) | 技術労務費 | 技術者 (据付) | 人 | 3 |
| (15) | 技術労務費 | 技術者 (単体調整) | 人 | 1 |
| (16) | 技術労務費 | 技術者 (組合試験) | 人 | 1 |
| (17) | 複合工費 | システム調整費 | 式 | 1 |
| (18) | 複合工費 | 申請手数料NTT光ネクスト回線 | 式 | 1 |
| (19) | 複合工費 | アスベスト(定性分析) | 1検体 | 1 |
| (20) | 複合工費 | コアはつり(φ50) | 箇所 | 1 |
| (21) | 複合工費 | 既設分電盤機能増設 | 式 | 1 |
| (22) | 複合工費 | 管路掘削工 | m3 | 0.4 |
| (23) | 複合工費 | 管路埋戻工(山砂) | m3 | 0.2 |
| (24) | 複合工費 | 管路埋戻工(発生土) | m3 | 0.2 |
| (25) | 複合工費 | 整地 | m3 | 0.2 |

機器数量(撤去)

数量・単位は据付入力欄のものとしませう [小測薬注室]

| | | | | |
|-----|----|--------|---|---|
| (1) | 機器 | 流量計φ80 | 台 | 1 |
| (2) | 機器 | 滅菌制御盤 | 面 | 1 |

人工集計表

[小淵薬注室]

| 集計表名称 | 据付・配線工 | | | | | | 単体調整 | | 試験工 | | | | | |
|--------------------|--------|--------|--|--|--|--|------|-----------------|------|-----|--|--|--|--|
| | 技術者 | 電 工 | | | | | 技術者 | 重量(撤去重量) (t) | 技術者 | 電 工 | | | | |
| 据付工集計表(S-501) | 3.75 | 8.59 | | | | | 0.56 | | | | | | | |
| 試験工集計表(T-501) | | | | | | | | | 0.32 | | | | | |
| 材料集計表-1 | | 0.941 | | | | | | | | | | | | |
| 材料集計表-2 | | 3.622 | | | | | | | | | | | | |
| 材料集計表-3 | | 0.604 | | | | | | | | | | | | |
| (撤 去)据付工集計表(S-501) | | 3.23 | | | | | | | | | | | | |
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| 合計 | 3.75 | 16.987 | | | | | 0.56 | | 0.32 | | | | | |
| 設計数量 | 3 | 16 | | | | | 1 | | 1 | | | | | |

| 機 器 名 称 | 形 状 | 単 位 | 数 量 | 技 術 者 | | 電 工 | | 技 術 者 単 体 調 整 | | | | 歩 掛 ペー ジ | 機 器 重 量 (t) | | 備 考 | |
|---------------------|-----|-----|-----|------------------------|------|-----------------------|------|---------------|------|---------|-----|-------------|-------------|-----|-----|--|
| | | | | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | | 単 位 重 量 | 重 量 | | |
| 計装テレメータ盤 既設 | 壁掛形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | | |
| 分電盤機能増設 | | 面 | 1 | | | | | | | | | | | | | |
| テレメータ装置 小淵配水場親局 | | 式 | 1 | | | | | | | | | | | | | |
| テレメータ装置 阿仁合浄水場子局 | | 式 | 1 | | | | | | | | | | | | | |
| 流量計φ80 | 電磁式 | 台 | 1 | [0.77]+[0.38] =1.15 | 1.15 | [0.19]+[1.2] =1.39 | 1.39 | | 0.56 | | | | | | | |
| 滅菌制御盤 | 壁掛形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | | |
| システム調整費 | | 式 | 1 | | | | | | | | | | | | | |
| 申請手続費 | | 式 | 1 | | | | | | | | | | | | | |
| NTT光ネクスト回線 | | 式 | 1 | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| 計 (S-501) | | | | | 3.75 | | 8.59 | | 0.56 | | | | | | | |

材 料 集 計 表 - 1

[小測薬注室]

| 内訳区分 | 600V EM-CE | | | | EM-CEE | | | | EM-CEE-S | | | | 専用ケーブル | | | | EM-IE | | | |
|----------------|------------|----------------|-------|-------|---------|--------------|-------|-------|----------|--------------|-------|-------|--------|----------------|-------|-------|-------|----------------|-------|-------|
| | 3.5 sq | | | | 1.25 sq | | | | 2 sq | | | | 3.5 sq | | | | | | | |
| | 2 c | | | | 10 c | | | | 2 c | | | | | | | | | | | |
| | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP |
| CHK (5- 1) | | | 10.0 | | | | 7.5 | | | | 8.0 | | | | 10.0 | 1.0 | | | 10.0 | |
| | | | | | | | | | | | | | | | | | | | | |
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| 合計値 (A) | | | 10.0 | | | | 7.5 | | | | 8.0 | | | | 10.0 | 1.0 | | | 10.0 | |
| 補完率 (B) | | 1.1 | | | | 1.1 | | | | 1.1 | | | | 1.1 | | | | 1.1 | | |
| (C)=(A)×(B) | | | 11.00 | | | | 8.25 | | | | 8.80 | | | | 11.00 | 1.10 | | | 11.00 | |
| 設計数量 (D)=Σ(C) | | 11.00 ----> 11 | | | | 8.25 ----> 8 | | | | 8.80 ----> 8 | | | | 12.10 ----> 12 | | | | 11.00 ----> 11 | | |
| 電工単位工量(E)=(E0) | 0.013 | 0.020 | 0.017 | 0.015 | 0.029 | 0.044 | 0.037 | 0.033 | 0.013 | 0.020 | 0.017 | 0.015 | 0.012 | 0.018 | 0.015 | 0.013 | 0.008 | 0.013 | 0.011 | 0.009 |
| 電工量 (C)×(E) | | | 0.187 | | | | 0.305 | | | | 0.149 | | | | 0.165 | 0.014 | | | 0.121 | |

材 料 集 計 表 - 2

[小測業注室]

| 内訳区分 | HIVE | | | | FEP | | | | | | | | | | | | |
|-----------------|-------|-------|--|-----|-------|-------|-------|--|--|--|--|--|--|--|--|--|--|
| | 28 mm | | | | 30 mm | | | | | | | | | | | | |
| | 露出 | 埋込 | | | 露出 | 埋込 | | | | | | | | | | | |
| CHK (5- 2) | 43.0 | | | | | 1.0 | | | | | | | | | | | |
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| 合計値 (A) | 43.0 | | | | | 1.0 | | | | | | | | | | | |
| 補完率 (B) | | | | 1.1 | | | | | | | | | | | | | |
| (C)=(A) × (B) | 47.30 | | | | | 1.10 | | | | | | | | | | | |
| 設計数量 (D)=(C) | 47 | | | | | 1 | | | | | | | | | | | |
| 電工単位工量 (E)=(E0) | 0.076 | 0.064 | | | | 0.026 | 0.026 | | | | | | | | | | |
| 電工量 (C) × (E) | 3.594 | | | | | 0.028 | | | | | | | | | | | |

| No | 自 | 至 | 種別・サイズ・本数 | 経路 | 合計 | 計 算 |
|----|----------|----------|-------------------------|------|------|---------------------------|
| | 分電盤 | 計装テレメータ盤 | 600V EM-CE 3.5 sq - 2 c | P&D | | |
| | | | | RACK | | |
| | | | | CP | 10.0 | (2.0)+ 4.0 + (2.0)+ (2.0) |
| | | | | FEP | | |
| | | | EM-IE 3.5 sq | CP | 10.0 | (2.0)+ 4.0 + (2.0)+ (2.0) |
| | | | HIVE 28 mm | 露出 | 10.0 | (2.0)+ 4.0 + (2.0)+ (2.0) |
| | | | 埋込 | | | |
| | 滅菌制御盤 | 計装テレメータ盤 | EM-CEE 1.25 sq - 10 c | P&D | | |
| | | | | RACK | | |
| | | | | CP | 7.5 | (2.0)+ 1.5 + (2.0)+ (2.0) |
| | | | | FEP | | |
| | | | CP | | | |
| | | | HIVE 28 mm | 露出 | 7.5 | (2.0)+ 1.5 + (2.0)+ (2.0) |
| | | | 埋込 | | | |
| | 計装テレメータ盤 | アンテナ | 専用ケーブル | P&D | | |
| | | | | RACK | | |
| | | | | CP | 10.0 | (2.0)+ (8.0) |
| | | | | FEP | 1.0 | 1.0 |
| | | | CP | | | |
| | | | HIVE 28 mm | 露出 | 10.0 | (2.0)+ (8.0) |
| | | | 埋込 | | | |
| | 計装テレメータ盤 | アンテナ | | P&D | | |
| | | | | RACK | | |
| | | | | CP | | |
| | | | | FEP | | |
| | | | CP | | | |
| | | | FEP 30 mm | 露出 | | |
| | 埋込 | 1.0 | 1.0 | | | |
| | 計装テレメータ盤 | 引込点 | | P&D | | |
| | | | | RACK | | |
| | | | | CP | | |
| | | | | FEP | | |
| | | | CP | | | |
| | | | HIVE 28 mm | 露出 | 7.5 | (2.0)+ 0.5 + 4.0 + (1.0) |
| | 埋込 | | | | | |

| 機器名称 | 形状 | 単位 | 数量 | 技術者 | | 電工 | | 技術者単体調整 | | | | 歩掛 ページ | 機器重量(t) | | 備考 | |
|-----------|-----|----|----|-------------------|-----------|-----------------|-----|---------|----|------|----|-----------|---------|----|----|--|
| | | | | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | | 単位重量 | 重量 | | |
| 流量計φ80 | 隔測式 | 台 | 1 | 0.79*0.4 =0.31 | # 0.31 | 2.5*0.4 =1.0 | 1.0 | | | | | | | | | |
| 滅菌制御盤 | 壁掛形 | 面 | 1 | 1.3*0.4 =0.52 | # 0.52 | 3.6*0.4 =1.4 | 1.4 | | | | | | | | | |
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| 計 (S-501) | | | # | 0.83 | ---> | 0.83 | + | 2.4 | | | | | | | | |
| | | | | | | 3.23 | | | | | | | | | | |

#印は再使用しない撤去なので技術者を電工に読み替える

小 泐 滅 菌 室

数 量 計 算 書
(機 械 設 備)

労務工数集計表

小測滅菌室

| 工種 \ 労務工 | 機械設備据付工 | 設備機械工 | 配管工 | 普通作業員 | | | 備考 |
|----------|---------|-------|-----|-------|--|--|----|
| 機器据付 | 0.670 | | | 0.080 | | | |
| 機器撤去 | | 0.560 | | 0.070 | | | |
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| | | | | | | | |
| 計 | 0.670 | 0.560 | | 0.150 | | | |
| 設計人工 | 1 人 | 1 人 | | 1 人 | | | |

記
有効数字3桁（次の位及び小数点以下は切り捨て）

小

測

滅

菌

室

数 量 計 算 書

(土工計算書)

電 気 計 装 設 備 工 事 数 量 計 算 書

【 小 渕 配 水 池 】

物件名： 新規物件

Fグループ

集計設備（機材内容）

6. 小沢配水池 （ケーブル類 材料類 機器類）

| 材 料 数 量 | | | (*) 印は工量無 | [小測配水池] |
|---------|--------|---------------------------------|-----------|---------|
| (1) | 低圧ケーブル | 600V EM-CET 14 sq | m | 6 |
| (2) | 低圧ケーブル | 600V EM-CE 14 sq- 3 c | m | 70 |
| (3) | 制御ケーブル | 専用ケーブル | m | 13 |
| (4) | その他電線 | EM-IE 3.5 sq | m | 3 |
| (5) | 電線管類 | HIVE 54 mm (露出) | m | 3 |
| (6) | 電線管類 | HIVE 28 mm (露出) | m | 12 |
| (7) | 電線管類 | HIVE 22 mm (露出) | m | 3 |
| (8) | 電線管類 | FEP 50 mm (埋込) | m | 67 |
| (9) | 電線管類 | FEP 30 mm (埋込) | m | 1 |
| (10) | 接地装置 | 接地棒 φ14*1500 | 本 | 1 (*) |
| (11) | 接地装置 | 接地棒用リード端子 φ14用 | 本 | 1 (*) |
| (12) | 電柱類 | プルボックス (SUS-WP) 200*200*200 | 個 | 1 |
| (13) | 電柱類 | ケーブル埋設シート | m | 65 |
| (14) | 電柱類 | 鋼管ポール 8m | 本 | 2 (*) |
| (15) | 電柱類 | 強力バンド 19cm | 個 | 1 (*) |
| (16) | 電柱類 | 自在バンド 3BD-HD17 | 個 | 1 (*) |
| (17) | 電柱類 | 自在バンド IBT-212 | 個 | 5 (*) |
| (18) | 電柱類 | 支線 (材料) 22sq | kg | 1.4 (*) |
| (19) | 電柱類 | ステーブロック 500*250 ^{mm} 付 | 組 | 1 (*) |
| (20) | 電柱類 | 玉がいし | 個 | 1 (*) |
| (21) | 電柱類 | 巻付グリップ | 個 | 4 (*) |
| (22) | 電柱類 | 支線ガード 虎印 | 本 | 1 (*) |
| (23) | 電柱類 | 根かせ (バンド付) | 個 | 2 (*) |
| (24) | 一般労務費 | 電 工 (据付) | 人 | 17 |
| (25) | 一般労務費 | 普通作業員 (据付) | 人 | 1 |

材 料 数 量

(*) 印は工量無

[小測配水池]

| | | | | |
|------|-------|------------|---|---|
| (26) | 技術労務費 | 技術者 (据付) | 人 | 3 |
| (27) | 技術労務費 | 技術者 (単体調整) | 人 | 1 |
| (28) | 技術労務費 | 技術者 (組合試験) | 人 | 1 |

複合工費数量

| | | | | |
|-------|------|------------|----|------|
| (1) | 複合工費 | システム調整費 | 式 | 1 |
| (2) | 複合工費 | 管路掘削工 | m3 | 26 |
| (3) | 複合工費 | 管路埋戻工(山砂) | m3 | 14.9 |
| (4) | 複合工費 | 管路埋戻工(発生土) | m3 | 11.2 |
| (5) | 複合工費 | 整地 | m3 | 14.9 |

機器数量(撤去)

数量・単位は据付入力欄のものとしてます [小淵配水池]

(1) 機器

水位計

組

1

人 工 集 計 表

[小澗配水池]

| 集計表名称 | 据付・配線工 | | | | | | 単体調整 技術者 | 重量(撤去重量) (t) | 試験工 | | | | |
|--------------------|--------|--------|-------|--|--|--|-------------|-----------------|------|-----|--|--|--|
| | 技術者 | 電 工 | 普通作業員 | | | | | | 技術者 | 電 工 | | | |
| 据付工集計表(S-601) | 3.09 | 8.1 | | | | | 1.8 | | | | | | |
| 試験工集計表(T-601) | | | | | | | | | 0.32 | | | | |
| 材料集計表-1 | | 2.758 | | | | | | | | | | | |
| 材料集計表-2 | | 4.001 | | | | | | | | | | | |
| 材料集計表-3 | | 0.740 | | | | | | | | | | | |
| 材料集計表-4 | | 0.67 | 0.261 | | | | | | | | | | |
| (撤 去)据付工集計表(S-601) | | 1.31 | | | | | | | | | | | |
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| 合計 | 3.09 | 17.579 | 0.261 | | | | 1.8 | | 0.32 | | | | |
| 設計数量 | 3 | 17 | 1 | | | | 1 | | 1 | | | | |

| 機 器 名 称 | 形 状 | 単 位 | 数 量 | 技 術 者 | | 電 工 | | 技 術 者 単 体 調 整 | | | | 歩 掛 ペ ー ジ | 機 器 重 量 (t) | | 備 考 | |
|--------------------|--------|-----|-----|--------------------|------|-----------------|-----|------------------|-----|---------|-----|--------------|-------------|-----|-----|--|
| | | | | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | 単 位 工 量 | 工 量 | | 単 位 重 量 | 重 量 | | |
| 引込開閉器盤 | 屋外装柱形 | 面 | 1 | | 1.0 | | 2.0 | | | | | | | | | |
| 計装盤 | 自立形 | 面 | 1 | | 1.3 | | 3.6 | | | | | | | | | |
| テレメータ装置 小澗薬注室子局 | | 式 | 1 | | | | | | | | | | | | | |
| 投込式水位計 | 投込式水位計 | 組 | 1 | 0.41+0.38 =0.79 | 0.79 | 1.3+1.2 =2.5 | 2.5 | 1.3+0.56 =1.8 | 1.8 | | | | | | | |
| システム調整費 | | 式 | 1 | | | | | | | | | | | | | |
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| 計 (S-601) | | | | | 3.09 | | 8.1 | | 1.8 | | | | | | | |

| NO | 配線区間 自 至 | | 600V EM-CET | | | | 600V EM-CE | | | | 専用ケーブル | | | | EM-IE | | | | HIVE | | | |
|--------|-------------|--------|-------------|------|----|-----|------------|------|------|-----|--------|------|-----|-----|--------|------|-----|-----|-------|----|--|--|
| | | | 14 sq | | | | 14 sq | | | | | | | | 3.5 sq | | | | 54 mm | | | |
| | | | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | P&D | RACK | CP | FEP | 露出 | 埋込 | | |
| | 引込点 | 引込開閉器盤 | 6.0 | | | | | | | | | | | | | | | | | | | |
| | 引込開閉器盤 | 計装盤 | | | | | | 3.0 | 61.0 | | | | | | | | | | 3.0 | | | |
| | 引込開閉器盤 | ED | | | | | | | | | | | | | | | 3.0 | | | | | |
| | 計装テレメー | アンテナ | | | | | | | | | | 11.0 | 1.0 | | | | | | | | | |
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| (1/2) | CHK (6- 1) | | 6.0 | | | | | 3.0 | 61.0 | | | 11.0 | 1.0 | | | 3.0 | | 3.0 | | | | |

| NO | 配線区間 自 至 | | HIVE | | | | HIVE | | | | FEP | | | | FEP | | | |
|--------|-------------|------|-------|----|--|-----|-------|----|--|--|-------|----|--|-----|-------|----|--|--|
| | | | 28 mm | | | | 22 mm | | | | 50 mm | | | | 30 mm | | | |
| | | | 露出 | 埋込 | | | 露出 | 埋込 | | | 露出 | 埋込 | | | 露出 | 埋込 | | |
| | 引込開閉器盤 | 計装盤 | | | | | | | | | 61.0 | | | | | | | |
| | 引込開閉器盤 | ED | | | | 3.0 | | | | | | | | | | | | |
| | 計装テレメー | アンテナ | 11.0 | | | | | | | | | | | | | | | |
| | 計装テレメー | アンテナ | | | | | | | | | | | | 1.0 | | | | |
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| (2/2) | CHK (6- 2) | | 11.0 | | | | 3.0 | | | | 61.0 | | | | 1.0 | | | |

| No | 自 | 至 | 種別・サイズ・本数 | 経路 | 合計 | 計 算 |
|----|----------|--------|------------------------|------|------|--------------------|
| | 引込点 | 引込開閉器盤 | 600V EM-CET 14 sq | P&D | 6.0 | (6.0) |
| | | | | RACK | | |
| | | | | CP | | |
| | | | | FEP | | |
| | | | | CP | | |
| | 引込開閉器盤 | 計装盤 | 600V EM-CE 14 sq - 3 c | P&D | | |
| | | | | RACK | | |
| | | | | CP | 3.0 | (2.0)+ 1.0 |
| | | | | FEP | 61.0 | 61.0 |
| | | | EM-IE 3.5 sq | CP | | |
| | | | HIVE 54 mm | 露出 | 3.0 | (2.0)+ 1.0 |
| | | | 埋込 | | | |
| | 引込開閉器盤 | 計装盤 | | P&D | | |
| | | | | RACK | | |
| | | | | CP | | |
| | | | | FEP | | |
| | | | | CP | | |
| | | | FEP 50 mm | 露出 | | |
| 埋込 | 61.0 | 61.0 | | | | |
| | 引込開閉器盤 | ED | EM-IE 3.5 sq | P&D | | |
| | | | | RACK | | |
| | | | | CP | 3.0 | (3.0) |
| | | | | FEP | | |
| | | | CP | | | |
| | | | HIVE 22 mm | 露出 | 3.0 | (3.0) |
| 埋込 | | | | | | |
| | 計装テレメータ盤 | アンテナ | 専用ケーブル | P&D | | |
| | | | | RACK | | |
| | | | | CP | 11.0 | 1.0 + (2.0)+ (8.0) |
| | | | | FEP | 1.0 | 1.0 |
| | | | | CP | | |
| | | | HIVE 28 mm | 露出 | 11.0 | 1.0 + (2.0)+ (8.0) |
| 埋込 | | | | | | |

| 機器名称 | 形状 | 単位 | 数量 | 技術者 | | 電工 | | 技術者単体調整 | | 単位工量 | 工量 | 歩掛 ページ | 機器重量(t) | | 備考 | |
|-----------|-----|----|----|-------------------|-----------|-----------------|-----|---------|----|------|----|-----------|---------|----|----|--|
| | | | | 単位工量 | 工量 | 単位工量 | 工量 | 単位工量 | 工量 | | | | 単位重量 | 重量 | | |
| 水位計 | 機械式 | 組 | 1 | 0.79*0.4 =0.31 | # 0.31 | 2.5*0.4 =1.0 | 1.0 | | | | | | | | | |
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| 計 (S-601) | | | # | 0.31 | ---> | 0.31 | + | 1.0 | | | | | | | | |
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#印は再使用しない撤去なので技術者を電工に読み替える

小 池 水 配 洩

数 量 計 算 書

(土工計算書)

