

Invitation to Bid No. :

COPY

Specification No. : RHDW-004/2550

C Material, equipment, and specifications for OVERHEAD GROUND WIRE HARDWARE

C1 General material and packing instructions

Additional to the general instructions, the following shall be observed :

1a Scope

These specifications cover overhead ground wire hardware, i.e., overhead ground wire bayonets, ground wire clamps, and ground wire support and clamps.

1b Standard

The overhead ground wire hardware shall be in accordance with the latest TIS, PEA Drawings attached to these specifications, or equivalent.

1c Principal requirement

The clamp shall be suitable for use on steel stranded conductor according to DIN 48201 St II or equivalent.

The overhead ground wire hardware shall be marked with manufacturer's name or trade-mark, except washer and J 1152 ground wire clamp.

All ferrous materials shall be galvanized after manufacturing. Method of galvanizing and thickness of coating shall be according to the attached Table "THICKNESS OF ZINC COATING". Free samples shall be supplied on request. The samples will not be returned.

1d Packing

Each item should be packed in suitable packages in sets or pieces of 10, 50, 100, or that specified in Table "Packing Details for Overhead Ground Wire Hardware" (see page 3 of 3).

The gross weight of each package should not exceed 40 kg.

If there are several packages, the number of package shall be stamped on each package or tag, as follows :

package number / total number of packages .

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II.

C2 Material and packing data to be given by bidder

2a For each item offered, the following details shall be submitted with the bid :

Catalogue number.

Description of materials used for the component parts.

Surface finishing of the component parts.

Zinc coating in g/m^2 or μm ($1 \mu\text{m} = 0.001 \text{ mm}$).

Steel stranded conductor sizes for which the clamps are designed (nominal cross-sectional area in mm^2 and diameter in mm).

Minimum breaking strength in kgf .

Weight in kg/set or piece .

2b For each item offered, a detail drawing with dimensions in mm shall be submitted with the bid .

2c Packing details

Packing method.

Number of sets or pieces in each package.

Dimensions of each package in cm .

Gross weight of each package in kg (should not exceed 40 kg).

Net weight of each package in kg .

Number of packages.

If several packages are contained in one big case, further details are required :

Number of packages in each case.

Dimensions of each case in cm .

Gross weight of each case in kg .

Number of cases.

Table
Packing Details for Overhead Ground Wire Hardware

PEA Material No.	Quantity Per Package	Packing Method
1010230003	25	Sack
1010230205	200	Sack
1010230200, 1010230201	5	Bundle



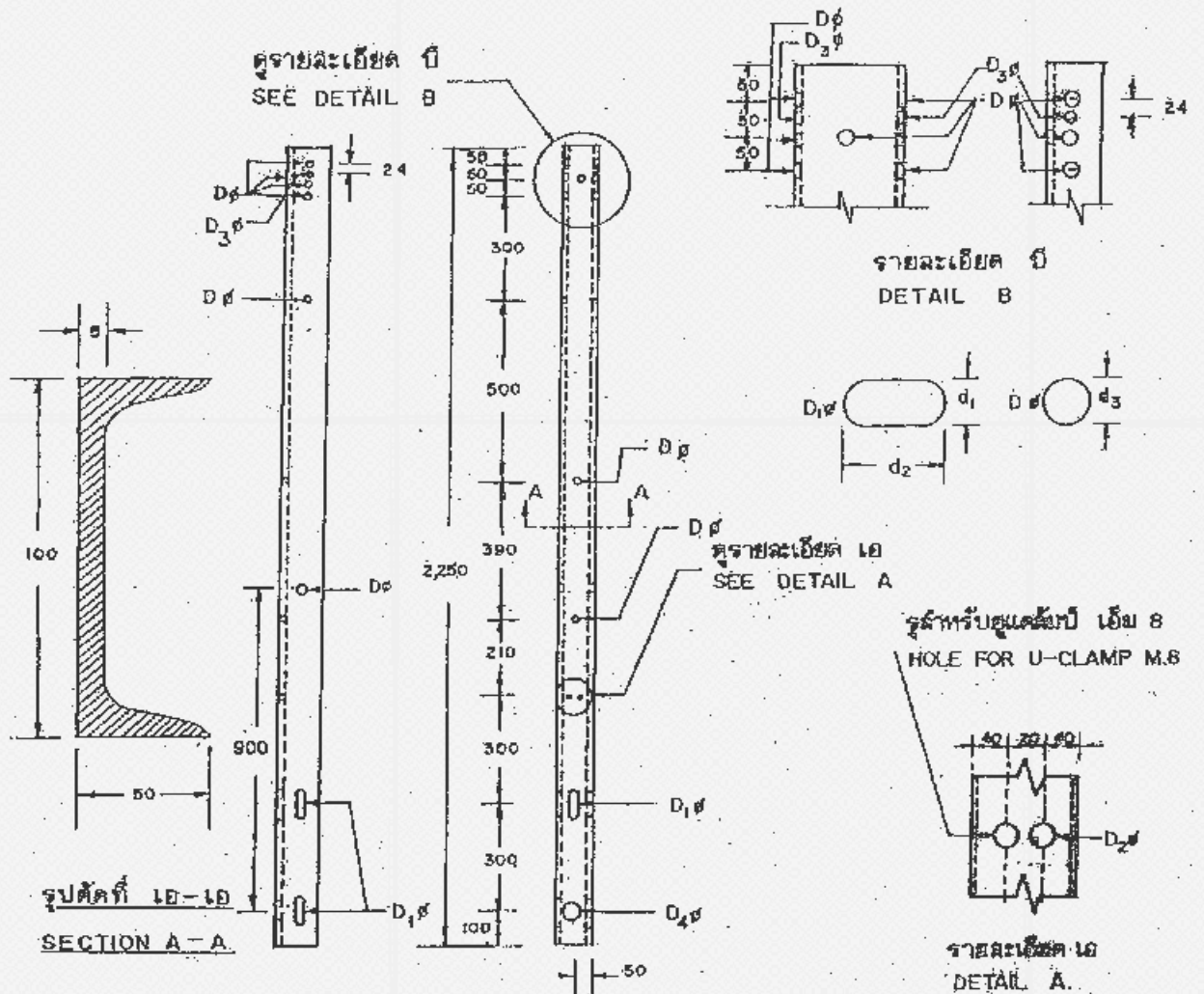
PROVINCIAL ELECTRICITY AUTHORITY
ELECTRICAL AND MECHANICAL ENGINEERING DIVISION

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C3 Schedule of detailed requirement

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Item	PEA Material No.	Quantity	Description
1	1010000100	6140	Overhead ground wire corner and dead-end bayonet, channel steel, 100 x 50 x 5 mm, 2,250 mm long, see Drawing No. SA3-015/49012.
2	1010010003	4110	Overhead ground wire bayonet, angle steel, 65 x 65 x 6 mm, 2,250 mm long, see Drawing No. SA3-015/50002
3	1010230201	1400	Ground wire support and clamp, for wood bayonet and steel stranded conductor size 25-50 mm ² , cotter pin of brass or stainless steel, see Drawing No. I50-015/140206.
4	1010230205	3900	Ground wire clamp, J 1152, for steel stranded conductor size 16-35 mm ² , see Drawing No. I50-015-140371
			Note: Pitches of steel bolts and nuts shall be according to the attached "Nominal Thread Diameters and Pitches of Steel Bolts and Nuts".



PRELIMINARY

วัสดุเลขที่ MAT No.	มิติ เป็น มม. DIMENSIONS IN mm.					วัสดุ วัสดุจากผิว MATERIAL, SURFACE FINISHING
	D _๕ (d ₃)	D ₁ (d ₁ x d ₂)	D ₂	D ₃	D ₄	
01000100 (1010000100)	18	18 x 30	10	14	22	เหล็กโครงสร้างรูปตัว C ขนาด 100 x 50 x 5 มม. ตาม มอก.1227 ตารางที่ 4 ยาบสังกะสี ตามมาตรฐาน กพท. CHANNEL STEEL SIZE 100 x 50 x 5 มม. ACC. TO TIS.1227 TABLE 4 HOT DIP GALV. AS PEA'S STANDARD

not to scale

กองมาตรฐานระบบไฟฟ้า ฝ่ายมาตรฐานและความปลอดภัย การไฟฟ้าส่วนภูมิภาค

เขียนเสร็จวันที่ 13 ต.ค. 2549	CHANNEL STEEL, 100. x 50 x 5 mm. 2,250 mm LONG	แบบเลขที่ SA3-015/49012
มิติเป็น... มิลลิเมตร.....		แผ่นที่ 1 ของจำนวน 1 แผ่น

