

ITEM DESCRIPTION (20260831)

1. SCOPE:

1.1 The purpose of this procurement is for the contractor to Pipe Bending Machine with various molds to support the pipe shop in SRF Sasebo for ship repair and maintenance. Provide all required labor, tools, materials, and equipment to accomplish this requirement.

1.2 Delivery Location:
See block 15 “DELIVER TO” at the first page and/or “SHIP TO ADDRESS” in “DELIVERY INFORMATION”.

1.3 Identification:

1.3.1 Item Name: Pipe Bending Machine
Manufacturer Name: TAIYO
Production/Model #: TB-DR-2HANC
Quantity: One (1) each
Other Information:

Machine size: Length2940mm x Width950mm x Height1010mm

Machine Weight: 1900kg

Power Supply: 3-Phase 200V, 60Hz

Electric Motor: 5.5kw

Total electrical capacity: 13.9KVA (40.2A)

Hydraulic Tank: 150ℓ

Bendable Diameter: Outer diameter 60.5, Thickness5.5mm

Bendable Material: CRES, C-Steel, CU/NI

Pipe Bending Mold (see paragraph 1.3.2 for detail):

a. Pipe Out Dia (IPS) X5DR (1/4, 3/8, 1/2, 3/4, 1”, 1”1/4, 1”1/2, 2”)

b. Nominal Dia of Pipe (IPS) X5DR ((1/4, 3/8, 1/2, 3/4, 1”, 1”1/4, 1”1/2, 2”)

c. OD Thickness t0.035X 3DR (5/8, 3/4, 1”, 1”1/4, 1”1/2)

Bending Angle: 180 Degrees

Max Machining Radius: Radius 300mm

Control Specification: Remote Push Button

Angle Selection: 6 Stages (manual)

Operation method: 1 Cycle interlock

1.3.2 Provide following accessories for the item 1.3.1.

	Description	Qty.	Unit of Issue
1	Pneumatic Rail Retraction Device (for 90° bends)	1	EA
2	Wipers mounting frame	1	EA
3	Primary power cable (10m)	1	EA
4	Safety Sticker	1	EA
5	Safety Switch (Safety Mat)	1	EA
6	Instruction Manual (Japanese and English)	1	EA
7	SDS for Hydraulic Oil (Japanese and English)	1	EA
8	PCB Certification	1	EA
<i>a. Molds for item 1.3.1: IPS (roll, clamp, guide rail, mandrel)</i>			
9	1/4(φ13.72×R70) (t1.651, t2.24, t3.02Shared)	1	EA
10	3/8(φ17.15×R90) (t1.651, t2.31, t3.2Shared)	1	EA
11	1/2(φ21.34×R110) (t1.651, t2.77, t3.73Shared)	1	EA
12	3/4(φ26.67×R135) (t1.651, t2.89, t3.91Shared)	1	EA
13	1"(φ33.4×R170) (t1.651, t3.38, t4.55Shared)	1	EA
14	1"1/4(φ42.16×R210) (t1.829, t3.56, t4.85Shared)	1	EA
15	1"1/2(φ48.26×R240) (t1.829, t3.68 t5.08Shared)	1	EA
16	2"(φ60.33×R302) (t2.108, t3.91 t5.54Shared)	1	EA
<i>b. Molds for item 1.3.1 (roll only)</i>			
17	1/4(φ13.72×R32) (t2.24, t3.02Shared) (washer roll)	1	EA

18	3/8(φ17.15×R48) (t2.31, t3.2Shared) (washer roll)	1	EA
19	1/2(φ21.34×R64) (t2.77, t3.73Shared)	1	EA
20	3/4(φ26.67×R96) (t2.89, t3.91Shared)	1	EA
21	1"(φ33.4×R127) (t3.38, t4.55Shared)	1	EA
22	1"1/4(φ42.16×R159) (t3.56, t4.85Shared)	1	EA
23	1"1/2(φ48.26×R191) (t3.68, t5.08Shared)	1	EA
24	2"(φ60.33×R254) (t3.91, t5.54Shared)	1	EA
<i>c. Molds for item 1.3.1 (rollers, clamps, guide rails, mandrels, wipers)</i>			
25	5/8(φ15.87×t0.889×R50) (washer roll)	1	EA
26	3/4(φ19.05×t0.889×R60)	1	EA
27	1"(φ25.4×t0.889×R80)	1	EA
28	1"1/4(φ31.75×t0.889×R100)	1	EA
29	1"1/2(φ38.1×t0.889×R120)	1	EA

- 1.4 See DELIVERY INFORMATION on SF 1449.
Coordinate delivery schedule with the Government Technical Point of Contact (Govt TPOC). If the contractor realizes any potential or actual delay in delivery, report to the Government Contracting POC via the Government Technical POC.

Note: Deliver and install all items to the designated delivery location within 6 months After Date of Contract (ADC). This is preferred completion date, and actual completion date will be specified upon award.

2. REFERENCE/ATTACHMENT: N/A

3. REQUIREMENTS:

- 3.1 Transport and install the item listed in paragraph 1.3.1 and 1.3.2 to the designated Delivery Location at paragraph 1.2. The installation work includes electrical work (machine power supply: 3-phase, 200V, 60Hz)
- 3.2 Witness the test run (together with the manufacture engineer)
- 3.3 Conduct training in operation, maintenance, and inspection (together with the manufacture engineer).

4. GOVERNMENT FURNISHED

- 4.1 MATERIAL (GFM): None.
- 4.2 EQUIPMENT (GFE): None.
- 4.3 SERVICE: None.

5. NOTE:

- 5.1 The Government POC:

Technical POC	Contracting POC
Name: Hideaki Ura Title: Equipment Specialist Command/Ship: SRF Sasebo TEL: 0956-50-6748 E-Mail: hideaki.ura.ln@us.navy.mil	Name: Yasuhiko Motooka Title: Contract Specialist Command: NAVSUP FLCY Sasebo Contracts Division TEL: 0956-50-68227 E-Mail: Yasuhiko.motooka3.ln@us.navy.mil

- 5.1.1 Only the Government Technical POC has authority to coordinate schedule with the contractor within terms and conditions of this contract. The Government Technical POC will coordinate base access and provide escorts for the contractor if escorts are required for personnel entering, departing, and working in required areas. Ask any payment issue as the first POC.
- 5.1.2 Only the Contracting Officer and/or designated Contracting POC have authority to change any terms and conditions of this contract. Report any conditions, discrepancies, and/or finding to the Contracting POC via the Government Technical POC. In the event the Contractor effects any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract price to cover any increase in charges incurred as a result thereof. See NAVSUP Local Text titled "Authorized Changes Only by the Contracting Officer."

(End of Item Description)