



	MATERIAL TAKE OFF	 CONSTRUCTION & INVESTMENT
Document No.	MATERIAL TAKE OFF FOR FIRE PROTECTION AND SAFETY EQUIPMENT	REV : 1
BIAK-MTO-10-001-A4		Sheet No.
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COMPANY : PT. PERTAMINA PATRA NIAGA  
CONTRACTOR : PT. PP (PERSERO), Tbk  
PROJECT TITLE : Pembangunan Dermaga Kapasitas 50,000 DWT di Fuel Terminal Biak  
LOCATION : Kabupaten Biak Numfor, Papua Barat, Indonesia.  
CONTRACT NO : 3950326945  
JOB NO : 723002

	
FOR CONSTRUCTION	
SIGN:	DATE:

PT. PERTAMINA PATRA NIAGA		
<input type="checkbox"/>	APPROVED	
<input type="checkbox"/>	APPROVED WITH COMMENT	
<input type="checkbox"/>	NOT APPROVED	
DATE	CHECKED	APPROVED

1	Re-Issued for Construction	06/06/2024	ABP <i>Aw</i>	TRN / SAW <i>BR</i>	HGW <i>27/06/24</i>	AFM	ATH	AP
0	Issued for Construction	27/05/2024	ABP / SM	TRN / SAW	HGW	AFM	ATH	AP
REV	DESCRIPTION	DATE	PREPARED	CHECKED	APPROVED	REVIEWED		APPROVED
			PT. PP (Persero), Tbk.			PT. Pertamina Patra Niaga		
			PREPARED & SUBMITTED BY			REVIEWED & APPROVED BY		


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REVISION CONTROL SHEET

REV. NO.	DATE	DESCRIPTION
0	27/05/2024	Issued for Construction
1	06/06/2024	Re-Issued for Construction

DISTRIBUTION ORDER

EXTERNAL ISSUE	PT. PP (Persero) Tbk - INTERNAL ISSUE	
<input checked="" type="checkbox"/> PT. PERTAMINA PATRA NIAGA	<input checked="" type="checkbox"/> PROJECT MANAGER	<input type="checkbox"/> LEAD ADMINISTRATION
	<input checked="" type="checkbox"/> ENGINEERING MANAGER	<input type="checkbox"/> LEAD SHE
	<input type="checkbox"/> CONSTRUCTION MANAGER	
	<input checked="" type="checkbox"/> PROCUREMENT MANAGER	
	<input checked="" type="checkbox"/> PROJECT CONTROL MANAGER	
	<input type="checkbox"/> SHE MANAGER	
	<input type="checkbox"/> QC MANAGER	
	<input checked="" type="checkbox"/> LEAD ENGINEERING	
	<input type="checkbox"/> LEAD PROJECT CONTROL	

No.	Item	Descriptions/Specifications	Quantity	Unit
1	Fire Hydrant	- Two way, wet barrel fire hydrant - Inlet Connection: 4" flange ANSI 150# RF - Outlet Connection: 2 x 2-1/2" NHT coupling with hydrant valve	5	pcs
2	<i>Hydrant Cabinet</i> 	- Self-standing, weatherproof type - Steel plate thickness min. 1.5 mm - Cabinet contents: (a) 2 pcs x 30 m of fire hose 2-1/2" <i>(b) 1 pcs x 30 m of fire hose 1-1/2"</i> (c) 2 pcs of water nozzle (d) 1 pcs of portable foam inductor (e) 1 pcs of foam branch pipe (f) 2 pcs of foam pile cap. 25 liter <i>(g) 1 pcs of Y-piece 2.1/2" x 1.1/2"</i> <i>(h) 2 pcs of adapters 2.1/2" x 1.1/2"</i>	4	set
3	Fire Foam Monitor	- Self-oscillating, water powered type - Inlet connection: 4" flange ANSI 150# RF - Include foam nozzle with pickup tube - Include foam concentrate tank cap. 2000 liter	2	set
4	Portable Fire Extinguisher			
4,1	Portable BC Dry Chemical Extinguisher	- Agent type: BC dry chemical - Capacity: 9 kg (20 lbs) - Cartridge type	6	pcs
4,2	Portable CO2 Extinguisher	- Agent type: carbon dioxide - Capacity: 4.5 kg (10 lbs) - Self expellant type	2	pcs
4,3	Wheeled BC Dry Chemical Extinguisher	- Agent type: BC dry chemical - Capacity: 75 kg (160 lbs) - Stored pressure/cartridge type	3	pcs
5	Fire Boat Connection	- 2 way breeching inlet type - Barrel size 4 inches - Complete with non-return valve	1	pcs
6	International Ship Shore Connection	- Inlet size 2-1/2" with NHT coupling type - Dimension OD 178 mm, ID 64 mm - Stored in a box	2	pcs
7	Safety Shower	- Plumbed type - Complete with pull handle, shower head - Inlet connection: 2 inch, RF flanged - Material: stainless steel	1	set