



PT. BUANA UTAMA DJAJA INDAH

Komplek Bogor Nirwana Resort

Jl. Bukit Nirwana IV No.1

Mulya Harja - Bogor

Telp. (0251) 82007009

Jakarta, 27 Januari 2021

Nomor : 011/PH-BUDI/I/2021
Perihal : Pekerjaan Pengadaan Full Mission Ship Simulator

Kepada :
Politeknik Ilmu Pelayaran Semarang
Jl. Singosari Raya No. 2A, Wonodri,
Kec. Semarang Selatan, Kota Semarang,
Jawa Tengah

Dengan hormat,

Sehubungan dengan adanya kegiatan di PIP Semarang, maka bersama dengan surat ini kami sampaikan penawaran harga untuk Pekerjaan Pengadaan Full Mission Ship Simulator dengan rincian sebagai berikut :

No.	Description	Qty	Unit Price (Rp.)	Total Price (Rp.)
SISTEM PELATIHAN ANT STCW				
	1 x Class A Bridge Assessment System with 360 HFOV Using LED Monitor with 1 x			
A	Trainee Station			
	Hardwares			
	1. Console and Equipment			
	1.1 Visual System incl.			
	1.1.1 75 inch LED Monitor NEC type C751Q	12	unit	87,000,000
	1.1.2 Computer for Visual Merk HP type Z4	7	unit	60,000,000
	1.1.3 Bridge Fronts Merk Kongsberg type Panel	12	unit	45,500,000
				546,000,000
	1.2 Navigation Aids			
	1.2.1 Navigation Aid and Communication Table Merk Kongsberg type	2	unit	115,000,000
	Communications Table			230,000,000
	1.2.2 Monitor for Communication Merk DELL type U2412M	1	unit	4,500,000
	1.2.3 Monitor for Navaid Merk DELL type U2412M	1	unit	4,500,000
	1.2.4 Communication Systems (Only on Communication Table) Merk Sennheiser	1	unit	1,000,000
	Type PC131			1,000,000
	1.2.5 Computer for communication and Navaid Merk HP type 800 G4 SFF	1	unit	20,000,000
				20,000,000
	1.3 Multifunctional Console incl.			
	1.3.1 ECDIS/Radar Type Approved Operator Station Console Merk Kongsberg	2	unit	60,000,000
	Type Console			120,000,000
	1.3.2 Monitor Merk DELL type U2412M	2	unit	4,500,000
	1.3.3 Computer Merk HP type 800 G4 SFF	2	unit	20,000,000
	1.3.4 1 x Radar and 1 x ECDIS (Multifunctional Display) Operator panel consisting of:	2	unit	55,000,000
				110,000,000
	1.4 Radar Console incl.			
	1.4.1 Radar Operator Station Console Merk Kongsberg type Console	2	unit	60,000,000
	1.4.2 Monitor Merk DELL type U2412M	2	unit	4,500,000
	1.4.3 Computer Merk HP type 800 G4 SFF	2	unit	20,000,000
				40,000,000
	1.5 Overhead Displays incl.			
	1.5.1 Monitor for Overhead with bracket Merk DELL type U2412M	2	unit	4,500,000
	1.5.2 Computer Merk HP type 800 G4 SFF	1	unit	20,000,000
				20,000,000
	1.6 Corner Consoles for Binocular, Navigation Aids, Engine Information and Sensor			
	1.6.1 Operator Corner Console Merk Kongsberg type Console	4	unit	60,000,000
	1.6.2 Monitor Merk DELL type U2412M	4	unit	4,500,000
	1.6.3 Computer Merk HP type 800 G4 SFF	3	unit	20,000,000
	1.6.4 Joystick for Binocular Control Merk Kongsberg type Joystick	1	unit	17,500,000
	1.6.5 Industrial Trackball Merk Kongsberg type Tracker ball	3	unit	8,500,000
				25,500,000
	1.7 Conning Console			
	1.7.1 Operator console Merk Kongsberg type Console	1	unit	60,000,000
	1.7.2 Monitor for Conning and Software Instrument Merk DELL type U2412M	1	unit	4,500,000
	1.7.3 Computer Merk HP type 800 G4 SFF	1	unit	20,000,000
				20,000,000



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	1.7.4 Instrumentation and Control Hardware Panel including Merk Kongsberg type Control Panel	1 unit	310,000,000	310,000,000
	1.8 Instrumentation Console			
	1.8.1 Instrument console Merk Kongsberg type Console	1 unit	60,000,000	60,000,000
	1.8.2 Instrumentation and Control Hardware Merk Kongsberg type Console	1 unit	310,000,000	310,000,000
	1.9 Steering Console			
	1.9.1 Deckstand Steering Console Merk Kongsberg type Console	1 unit	60,000,000	60,000,000
	1.9.2 Instrumentation and Control Merk Kongsberg type Control Panel	1 unit	310,000,000	310,000,000
	1.9.3 Steering Wheel Merk Lilaas type LF150	1 unit	32,000,000	32,000,000
	1.10 Sound System Merk Logitech type Z906	1 unit	7,250,000	7,250,000
	1.11 Pelorus Stand complete with Bearing Repeater and Bearing Sight Merk Sperry type C. Plath	1 unit	205,000,000	205,000,000
	Software			
	1 Visual Channel Merk Kongsberg type K-Sim	12 unit	355,000,000	4,260,000,000
	2 ECDIS Merk Kongsberg type K-Bridge ECDIS	2 set	42,500,000	85,000,000
	3 Radar/ARPA Merk Kongsberg type K-Bridge RADAR	2 set	42,500,000	85,000,000
	4 Instrument Panels Merk Kongsberg type K-Sim	1 set	205,000,000	205,000,000
	5 Instrument Panels Communications Merk Kongsberg type K-Sim	1 set	205,000,000	205,000,000
	6 Trainee Station Merk Kongsberg type K-Sim	1 set	9,510,000,000	9,510,000,000
B	Instructor Station			
	Hardware			
	1 Computer Assessor Merk HP type Z4	1 unit	60,000,000	60,000,000
	2 Monitor Merk DELL type U2412M	2 unit	4,500,000	9,000,000
	3 A3 Colour Printer Merk HP type 7110	1 unit	2,750,000	2,750,000
	4 55 inch LED TV for Overview Merk NEC type C551	2 unit	39,000,000	78,000,000
	5 3D Mouse for Visual Control Merk Connexion type Space Navigator	1 unit	5,000,000	5,000,000
	6 CCTV System including:			
	6.1 Monitor for CCTV Merk DELL type U2412M	1 unit	4,500,000	4,500,000
	6.2 Zoom Camera with zoom and motorized position Merk Axis type P5515	1 unit	18,500,000	18,500,000
	6.3 CCTV NAS Server Merk Synology type RS819	1 unit	29,500,000	29,500,000
	6.4 Simulator File Server Merk Synology type RS819	1 unit	29,500,000	29,500,000
	6.5 Monitor for Server Merk DELL type U2412M	1 unit	4,500,000	4,500,000
	6.6 Server PC Merk HP type Z4	1 unit	60,000,000	60,000,000
	7 Switch Merk HP type Procurve 1920	1 unit	11,000,000	11,000,000
	8 Router Merk Zyxel type Zywall USG20	1 unit	3,500,000	3,500,000
	9 UPS Merk APC type SRT6KRMXLi	6 unit	57,500,000	345,000,000
	10 Microphone Merk Audix type USB12	1 unit	5,500,000	5,500,000
	11 Speaker Merk DELL type AX510	1 unit	1,750,000	1,750,000
	12 Rack Merk Indorack type Pro 11532	1 unit	13,000,000	13,000,000
	13 Rack Merk Indorack type IR11532G	1 unit	11,000,000	11,000,000



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Briefing/Debriefing Station				
1	Computer Merk HP type Z4	1 unit	60,000,000	60,000,000
2	Monitor Merk DELL type U2412M	2 unit	4,500,000	9,000,000
3	Interactive Whiteboard Screen Merk Smart type 685	1 unit	97,500,000	97,500,000
4	3D Mouse for Visual Control Merk Connexion type Space Navigator	1 unit	5,000,000	5,000,000
Software				
	Instructor and Debriefing Station Merk Kongsberg type K-Sim	2 unit	710,000,000	1,420,000,000
B Acessories				
1	Air Conditioning Cassette Merk Panasonic type S-18PU1H5	1 unit	23,000,000	23,000,000
2	Air Conditioning Split 1Pk Merk Panasonic type CS-PN9TKJ	1 unit	6,800,000	6,800,000
3	Air Conditioning Split 2Pk Merk Panasonic type CS-PN18SKP	4 unit	8,500,000	34,000,000
4	Kursi Instruktur Merk Donati type Cope 1 AL TC	2 unit	3,750,000	7,500,000
5	Meja Instruktur Merk Donati type DOD 11H	1 unit	2,250,000	2,250,000
6	Meja Instruktur Merk Donati type DOD 16H	3 unit	3,000,000	9,000,000
7	Kursi Murid Merk Donati type ARSLEY 2K	30 unit	2,000,000	60,000,000
8	Pemasangan dan Start Up	1 lot	377,000,000	377,000,000
Subtotal				21,639,800,000
PPN 10%				2,163,980,000
Total				23,803,780,000

Terbilang : Dua Puluh Tiga Milyar Delapan Ratus Tiga Juta Tujuh Ratus Delapan Puluh Ribu Rupiah.

Demikianlah Surat Penawaran Harga yang Kami sampaikan, atas perhatian dan bantuannya diucapkan terima kasih.

Hormat Kami,
PT. Buana Utama Djaja Indah


Setiabudi
Direktur