suderer s Data Sheet	
	(Tenderer's Name)
METAL CLAD SWITCHGEAR	the state of the state of the state of
.1 6,600 V METAL CLAD SWITCHGEAR	
and the state of t	Unit No. 1 Common
Manufacturer	
Stationary structure	y and the second
Туре	
Number of unit	
Incoming, Bus tie	ti <u>ni propin</u> i propini propi propini propini propini propini propini propini propini propini
Feeder	
Potential transformer	
Surge absorber	
Rating	en e
Voltage (V)	
Current (A)	
Quality of the bus conductor	。 · · · · · · · · · · · · · · · · · · ·
material	ren <u>jakon Maraja</u> den <u>Primara</u>
Dimension of completely assembled switchgear	For Incoming For Feeder and Bus tie
Height (mm)	
Width (mm)	
Depth (mm)	
Weight of completely	
assembled switchgear (Approx.) (kg)	
Space heater	
Capacity (VA)	
Voltage (V)	

Tenderer's Data Sheet		(Tenderer's Name)
Vacuum circuit breaker		For Incoming For Feeder and Bus tie
Type		**************************************
Rating		
Voltage	(V)	grants and Markey to the con-
Current	(A)	
Interrupting capacity	(kA)	
Short time current	(kA)	
Short time capability	(min)	
Interrupting time	(sec)	
Recovery voltage	. (kV)	
Opening time	(sec)	
No load closing time	(sec)	
Control voltage	(V)	
Tripping voltage	(V)	
Class of insulation		
Standard operating du	ity	
Weight	(kg)	

	(Tenderer's Name)
3.2 400 V POWER CENTER	Unit No.1 Common
Manufacturer	<u> </u>
Cubicle	
Type	
Number of unit	
Incoming, Bus tie	<u> </u>
Feeder	
	Facilities and production of the control
Potential transformer	g <u>(na aliante</u> ma <u>j li in i</u>
Rating (V)	
Current (A)	
Quality of the bus conductor	and the state of t
Dimension of completely assembled switchgear (including transformer cubicle)	
Height (mm)	
Width (mm)	on <u>of the property of the second of the sec</u>
Depth (mm)	en e
Weight (including transformer and breakers) (Approx.) (kg)	
Space heater	
Capacity (VA)	

Tenderer's Data Sheet			
		(Tenderer's Name)	
Transformer			
Manufacturer			
Туре			
Rating		Appart of the control	
Capacity	(kVA)		
Class of rating		<u>a de la la marie de la companya de </u>	
Voltage			
High tension side	(V)		r".
Low tension side	(V)	<u>al paging and moral alguests.</u>	
		For For No. 1 Unit No. 1 Common	
No-load no-voltage tap	(V)		
Frequency	(Hz)		
Connection		en de la companya de	
Hightension side		<u>Partiel esternice</u>	
Low tension side	÷ .	The state of the s	
Impedance voltage (at rated kVA)	(%)		
Insulation class			
Dimension (Approx.)		trong to an elegand time	
Height	(mm)	्र अस्तर्वा वर्षास्त्र	
Width	(mm)		
Depth	(mm)	Medial Comment	
Weight	(kg)		

Tende	rer's Data Sheet		(Tenderer's Name)
	Air circuit breaker	•	For Incoming For Feeder Bus tie
	Type	•	
	Rating		
	Voltage	(V)	
	Current	(A)	
	Interrupting capacity	(kA)	
	Short time current	(kA) = 2	ga haasa ga ayaa ayaa a
	Opening time	(sec)	e <u>n l'amort</u> the <u>roles</u>
	Control voltage	(V)	
· .	Weight	(kg)	

Surgery Commence

3.3 400 V CONTROL CENTER

		400V 1-1A C/C	400V 1-2A C/C
Manufacturer			
Туре			
Rating	W.M.		
	(11)		
Voltage	(V)		
Main bus current	(A) A		
Branch bus current	(A)		
Quality of the bus condu	ctor: 55 j	<u> </u>	- <u>2304</u>
Dimension (Approx.)	+ 1	and the state of	
Height	(mm)		<u></u>
Width	(mm)		
Depth	(mm)	•	
Weight (Approx.)	(kg)		
•	(36)		
Space heater			
Capacity	(VA)		
Voltage	(V)		
		400V 1-1B C/C	400V 1-2B C/C
Manufacturer		-	
Туре			
Rating			
Voltage	(V)		
Main bus current	(A)		
•			
Branch bus current	(A)		
Quality of the bus condu-	ctor		

Tenderer's Data Sheet			
· 《新春· · · · · · · · · · · · · · · · · · ·	•	(Tender	er's Name)
and the state of the state of		400V 1-1B C/C	400V 1-2B C/C
Dimension (Approx.)	•	Note that	
Height	(mm)		
Width	(mm)	· <u></u>	
Depth	(mm)		
Weight (Approx.)	(kg)		6.00
Space heater		en e	ester Like in the control of the con
Capacity	(VA)		
Voltage	(V)	1 (2) (4) (4) (4)	
		400V 1-3 C/C	400V Common No. 1 C/C
Manufacturer			
Type			
Rating			
Voltage	(V)		
Main bus current	(A)		
Branch bus current	(A)	·	
Quality of the bus cond	uctor		-
Dimension			
Height	(mm)		
Width	(mm)		
Depth	(mm)		
Weight	(kg)		
Space heater			
Capacity	(VA)		
	(31)		

Tenderer's Data Sheet		
		(Tenderer's Name)
graph Herry British Control		Screen & chlorination C/C
Manufacturer		
Type	. (1)	tieti ii
Rating	13.7	
Voltage	(V)	
Main bus current	(A)	and a supplying the MARKS
Branch bus current	(A)	
Quality of the bus cond	uctor	
Dimension (Approx.)		1
Height	(mm)	
Width	(mm)	
Depth	(mm)	eligenty of Attack
Weight (Approx.)	(kg)	
Space heater		
Capacity	(VA)	
•		

Tenderer's Data Sheet	-	(Tenderer's Name)
3.4 MOTOR VALVE CONTROL CENTER		
3.4.1 400V CONTORL CENTER	•	
Manufacturer		
Туре	lagar	141.5 THE
Rating		
Voltage	(V)	dutter (1) Line of the control of th
Main bus current	(A)	in the park of the fill of the control of the contr
Branch bus current	(A)	the had shown
Quality of the bus condu	ictor	j. Abkers
Dimension (Approx.)		The Control of the Control
Height	(mm)	
Width	(mm)	
Depth	(mm)	
Weight (Approx.)	(kg)	A Paris de la Caracteria de la Caracteri
Space heater		
Capacity	(VA)	
Voltage	(V)	
en e		
3.4.2 TRANSFORMER		Range et al. 1997 in the second
Manufacturer		
Туре		
Rating		
Capacity	(kVA)	
Voltage		
High tension side	(V)	
Low tension side	(v)	
No load no voltage tap	(V)	
- DEO3	34-1 -	

Tenderer's Data Sheet			As the selection of the
			(Tenderer's Name)
Insulation class			
Dimension (Approx.)	٠		
Height	(mm)	-	(14) 14 (1) 1 (14) 14(14) 14 (14) 14
Width	.*		
	(mm)		
Depth	(mm)	14	
Weight (including transformer cubicle)	(kg)		<u>, alam 1975 A fil</u>
Space heater	-		Agreement as have been a fine of
Capacity	(VA)		<u>andre e regione de la deficie de la final de la final</u>
Voltage	(V)		
		d i	
3.4.3 230V CONTROL CENTER)	37***
Manufacturer			
Type			
Rating			
Voltage	(V)		
Main bus current	(A)		
Branch bus current	(A)		
Quality of the bus cond	uctor		A SECTION OF THE SECT
Dimension (Approx.)			s de logies a di
Height	(mm)		
Width	(mm)		
Depth	(mm)	; ;	<u> </u>
Weight (Approx.)	(kg)		
Space heater	·	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Capacity	(VA)	ĮV ^A	es. Historia de la composición de la compo
Voltage	(V)	• .	

Tenderer's Data Sheet		
a page morale and a second		(Tenderer's Name)
3.5 WATER TREATMENT SWITCHGEAR		人名英贝克斯 医二氏
3.5.1 400V CONTROL CENTER		
Manufacturer	•	years in the second
Туре		
	(A)	
Rating	* .	The second secon
Voltage	(V)	<u> </u>
Main bus current	(A)	
Branch bus current	(A)	, t. a. is family is a study
Quality of the bus cond	, - 1	
Dimension	er i gradet tip	
Height	(mm)	n de la companya (na 1944). Panganan ang kananan ang
Width	(mm)	
Depth	(mm)	
Weight	(kg)	
Space heater		
Capacity	(VA)	
Voltage	(V)	
·		

Tenderer's Data Sheet		
		(Tenderer's Name)
3.5.2 DISTRIBUTION PANEL		
(1) Panel		
Manufacturer		
Type		
Thickness of steel plate	(mm)	
Rating		
Voltage	(V)	
Phase and wire		
Bus current	(A)	
		A STATE OF THE STA
Molded type air circuit b	reaker	
Manufacturer		
Numbers		
Rating	(V, A)	
(2) Transformer		
Manufacturer		
Туре		
Rating		
Capacity	(kVA)	
Voltage		
High tension side	(V)	
Low tension side	(V)	

Tenderer's Data Sheet		_	
Space History and the control of			(Tenderer's Name)
No load no voltage tap	(V)	÷ :	The Control of the State of the Control of the Cont
Insulation class			
Dimension (Approx.)			en e
lleight	(mm)	_	
Width	(mm)		
Depth	(mm)	-	
Weight (including transformer cubicle) (Approx.)	(kg)	·	
Space heater		<u> 1</u> 5 1	a sa ka
Capacity	(VA)	_	
Voltage	(V)	. –	

\$ 1 www.

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Tenderer's Data Sheet		
		(Tenderer's Name)
3.6 WASTE WATER TREATMENT CONTROL	WASTE WATER TREATMENT CONTROL CENTER	
3.6.1 400V CONTROL CENTER	· :	
Manufacturer	· ·	The Control of the Co
Type	Sec. 5	
Rating	e _{de} to e	
Voltage	(V)	
Main bus current	(A)	
Branch bus current	(A)	2. \$2. \$2. \$2. \$4. \$4. \$4. \$4. \$4. \$4. \$4. \$4. \$4. \$4
Quality of the bus cond	uctor	1
Dimension		estado de la composição d La composição de la composição
Height	(mm)	
Width	(mm)	
Depth Weight	(mm) (kø)	
WAIGHT	(KF)	· ·

(VA)

(V)

Space heater

Capacity

Tenderer's Data Sheet		
		(Tenderer's Name)
3.7 DC 220 VOLT CONTROL CENTER		yn, er sen i regyddiaeth feithia
Manufacturer		
Туре		e julia traveladi
Rating		
Voltage	(V)	
Main bus current	(A)	
Branch bus current	(A)	
Quality of the bus condu	ictor	
Dimension		
Height	(mm)	
Width	(mm)	
Depth	(mm)	
Weight	(kg) (#4)	
Space heater	ing state in the state of the s	477
Capacity	(VA) + 20 m	
Voltage	.(V)	

T	en	de	rer	¹s	Data	Shee	t

(Tenderer's Name)

3.8 CVCF (CONSTANT VOLTAGE, CONSTANT FREQUENCY EQUIPMENT)

Manufacturer	•	<u> </u>
Туре		
Rating in put voltage (DC)	(V)	
- ditto - (AC)	(V)	
Output voltage	(V)	
Voltage regulation	(<u>+</u> %)	
Frequency regulation	(<u>+</u> %)	
Cooling type	Thurst.	
Dimension of completely assembled (Approx.)	· .	
Height	(mm)	<u>in in</u>
Width	(mm)	<u> </u>
Depth	(mm)	<u> </u>
Weight of completely assembled (Approx.)	(kg)	
Space heater		
Capacity	(VA)	
Voltage	(V)	

(988) College (988)		(Tenderer's Name)
4. PANEL AND BOARD		in the lamester
4.1 BOILER-TURBINE-GENERATOR BOARD	(BTG BOARI	o)
Manufacturer		
Type	:	
Thickness of steel plate	(mm)	
Dimension		and the state of t
Height	(mm)	
Width	(mm)	t of the straight in a
Depth	(mm)	
Weight (Approx.)	(kg)	
Accessories		
Meter		en e
Kind x Number		en e
Туре		
Accuracy class		The section of the se
Manufacturer		
Manuracturer		Literature Control
Kind x Number	•	
Туре		
Accuracy class		
Manufacturer		
		en e
Kind x Number		
Туре		
Accuracy class		

.

Manufacturer

Tenderer's Da	ta Sheet		<u> </u>		
	gradien det Mark führen. George	+ 1	(T	enderer's Name)	
	Kind x Number		-		<u>^</u>
	Type	18 18 数 3 数 3	i <u>- 10, </u>	7 <u>44, 40 (40 (40 (40 (40 (40 (40 (40 (40 (40 </u>	36 () () () () () () () () () (
	Accuracy class				
en e	Manufacturer			- H.O. A.	
.1	Kind x Number	2 to 2 to			_
	Туре				··-
	Accuracy class	n vila) Tara	. ———	n eta etalia. G aragia e agricolaria	
	Manufacturer				
	Kind x Number				_
	Type			Angelysing SA	_ .
	Accuracy class			o de la companya de l	_
e j	Manufacturer				-
	Kind x Number				
	Туре				<u> </u>
	Manufacturer		· · · · · · · · · · · · · · · · · · ·		_
	Kind x Number				_ . ·
•	Туре				.
	Manufacturer				-
e e	Kind x Number				-
	Туре				_
	Manufacturer				

Tenderer's Data Sheet	
The state of the s	(Tenderer's Name)
Protection relay	Land to the first
Kind x Number	<u> </u>
Туре	
Manufacturer	<u> </u>
Kind x Number	en e
Туре	
Manufacturer	
Kind x Number	A STATE OF THE STA
Туре	
Manufacturer	
Kind x Number	en en grande de la companya de la co
Туре	
Manufacturer	
Kind x Number	ment of the property of the second section of the second section of the second section of the second section of
Туре	
Manufacturer	
Recorder	
Kind x Number	
Туре	<u> </u>
Accuracy class	
Manufacturer	

Tenderer's Data Sheet	
	(Tenderer's Name)
Kind x Number	
Type	
Accuracy class	
Manufacturer	
Kind x Number	
Type	
Accuracy class	A STATE OF THE STA
Manufacturer	
Kind x Number	
Туре	<u> </u>
Accuracy class	
Manufacturer	
	The second of th
Operation recorder	
Kind x Number	
Туре	
Accuracy class	
Manufacturer	

				•
Tenderer's Data Sheet			(Tend	erer's Name)
4.2 DISTRIBUTION PANEL	i		er Geografia	
	۲.	No.1 Norma	220V al Emergency	No.1 110V Instrument Pow
(1) Panel	:		: -	
Manufacturer	·			
Type	3 -			n kan di samatan di sa Samatan di samatan di s
Thickness of steel plate	(mm)			
Rating	,			
Voltage	(V)	. m :	· · · · · · · · · · · · · · · · · · ·	
Phase and wire			 	**************************************
Bus current.	(A)			
Molded type air circuit breaker			1 (1) (1) (1) (1) (1) (1)	
Manufacturer				
Numbers	* ,			
Rating (V, A)			A BA
(2) Transformer				
Manufacturer			en e	a seedie e Linearie
Туре			e e e e e e e e e e e e e e e e e e e	· ·
Rating				gen in de general in de general d En la companya de general de gene
Canacity	(kva	.	13 fg (\$32) 100	Maria Maria Maria Maria Maria Ma

(V) (E.S.)

Voltage

Insulation class

High tension side

Low tension side

No load no voltage tap

Tenderer's Data Sheet		in the second of the second
		(Tenderer's Name)
Dimension (Approx.)		1000年,1945年,1945年(1945年)。 1940年(1945年)
Height	(mm)	Water and the second se
Width	(mm)	
Depth	(mm)	
Weight (including transformer cubicle) (Approx.)	(kg)	
Space heater		
Capacity	(VA)	
Voltage	(V)	
and the second second		
(1) Panel		No. 1 DC 220V D/P
Manufacturer		a <u>an dan adalah kecamang dan da</u>
Туре		
Thickness of steel plat	e (mm)	o destablicación.
Rating		
Voltage	(V)	
	(*)	3 - No. 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
Phase and wire		
Bus current	(A)	**************************************
Molded type air circuit	breaker	
Manufacturer		
Number		
Rating	(V, A)	
Dimension (Approx.)		and the second of the second second
Height	(mm)	
		The state of the s
Width	(mm) + -/	
Depth	(mm)	

renderer .	s Data Sheet	engan en	(Tende	rer's Name)
	Weight (including transformer cubicl (Approx.)	e) (kg)		
	Space heater		Market State of the	1000
	Capacity	(VA)	<u> </u>	
	Voltage	(V)		
(1)	Panel		No.1 200V Lighting D/P	380V-220V Misc. Powe
	Manufacturer			
	Type	en e		
	Thickness of steel	plate (mm)	The state	
	Rating	process (mar)	A Company of the Company	
	Voltage	(V)		en e
	Phase and wire			
	Bus current	(A)		And the state of t
	Molded type air ci	rcuit breaker		
	Manufacturer			
	Number		·	
	Rating	(V, A)	· · · · · · · · · · · · · · · · · · ·	
(2)	Fransformer	A STATE OF THE STA	i potra de la compresión de la compresió	
· · · · · · · · · · · · · · · · · · ·	Manufacturer			<u> </u>
	Туре	territoria. Al contrata de la co		
	Rating			main <u>eoidh an se</u> Mainte
	Capacity	(kVA)		empi <u>este i i i i i i i i i i i i i i i i i i i</u>

lerer's Data Sheet			(Tend	derer	's Name)
					380 V 220 V
					Misc. Power D/P
Low tension side	(V)			<u>.</u> : :, :	· <u>`</u>
No load no voltage tap	(V)		M-1077-1077-1077-1077-1077-1077-1077-107	· · .	
Insulation class				<u>-</u>	
Dimension (Approx.)					
Height	(mm)			-	
Width	(mm)		·		
Depth	(mm)			_	1.00
Weight (including transformer cubicle) (Approx.)	(kg)			-	
Space heater		1.7.1	•		
Capacity	(VA)				
Voltage	(V)	,		<u>.</u>	
			Labo	rator	y D/P
1) Panel					
Manufacturer			•		
Туре					
Thickness of steel plate	(mm)				
Rating				1919	i de Maria de Caracteria d La composição de Caracteria
* ***					es, til
Voltage	(V)				
Voltage Phase and wire	(V)	٠.		. 	

	(Tenderer's Name)
reaker	
(V. A)	
(*, 12)	
i de la companya de La companya de la companya de l	
-	
•	
(kVA)	e e di Montrophi (1) Transportation
(111)	
(V)	
(V)	
	Table 1985 Control of the Control of
(V)	
(mm)	大学的 1995年 - 19
(mm)	
(mm)	
(kg)	
(VA)	But y established
(31)	All the state of t
(V)	
(V)	
	(V, A) (kVA) (V) (V) (mm) (mm) (mm)

(Tenderer's Name)

ADMINISTRATION BUILDING D/P

/1) Dowel	
(1) Panel	194 H. C.
Manufacturer	
Туре	
Thickness of steel plate (mm)	
Rating	
Voltage (V)	
Phase and wire	
Bus current (A)	
Molded type air circuit breaker	
Manufacturer	
Numbers	
Rating (V, A)	
(2) Transformer	
Manufacturer	
Туре	
	my the state of th
Rating	
Capacity (kVA)	
Voltage	
High tension side (V)	<u>ander der M</u>
Low tension side (V)	
No load no voltage (V)	
Insulation class	

Tenderer	s Data Sheet		(Tenderer's Name)
	Dimension (Approx.)		
	Height	(mm)	
	Width	(mm)	and the second of the second o
	Depth	(mm)	
	Weight (including transformer cubicle) (Approx.)	(kg)	
	Space heater		
	Capacity	(VA)	
	Voltage	(V)	take taketa kata a 1945. Taketa taketa kata a 1945.

Tenderer's Data Sheet		
San		(Tenderer's Name)
•	<u>.</u>	DC 48V D/P
Pane1		
Manufacturer		1.3 <u>- 1.3 -</u>
Туре		
Thickness of steel plat	e (mm)	
Rating	e e ta	er fan di Nederlân de Drive fan Heffelde de Steine Andelse Anderste de de
Voltage	(V)	
Phase and wire		
Bus current	(A)	
Molded type air circuit breaker		
Manufacturer		
Numbers		
Rating	(V, A)	
Dimension (Approx.)		
Height	(mm)	
Width	(mm)	
Depth	(mm)	
Weight (including transformer cubicle) (Approx.)	(kg)	
Space heater		
Capacity	(VA)	

Tenderer's Data Sheet	
(वेदहर प्राप्त क्षिप्त)	(Tenderer's Name)
	DC 24V D/P 3 4 5 5 5 5 5 5 5 5
Panel	eng, wigget,
Manufacturer	9(7)
Туре	
Thickness of steel plate (mm)	agrae Mary
Rating	
Voltage (V)	
Phase and wire	
Bus current (A)	
Molded type air circuit breaker	्रिया क्षेत्रकेत । जिल्लाका विकास । स्ट्रीक (अवस्थान स्थापन
Manufacturer	
Numbers	grafialis, it laudus
Rating (V, A)	
Dimension (Approx.)	
Height (mm)	e grangettakki i i
Width (mm)	
Depth (mm)	
Weight (including transformer cubicle) (kg) (Approx.)	
Space heater	
Capacity (VA)	<u>a maga Agila da litira liti</u>

Tenderer's Data Sheet		(Tenderer's Name)
4.3 AUXILIARY CONTROL PAN	EL:	
Manufacturer		
Type	÷	
Thickness of st plates	eel (mm)	
Dimension		
Height	(mm)	
Width	(mm)	
Depth	(mm)	
Weight (Approx.) (kg)	
Accessories	,	
Meter		
Kind x Num	ber	
Туре		<u> </u>
Accuracy c	class	
Manufactur	er	
	en de la companya de La companya de la co	
Kind x Num	nber	
Туре	1000	
Accuracy c		
Manufactur	er	
Kind x Num	ıber	
Туре		
Accuracy o	elass	

Manufacturer

Tenderer's Data Sheet		
		(Tenderer's Name)
4.4 AUXILIARY RELAY PANEL		The property of the second section of the section of the second section of the section of the second section of the section of
Manufacturer		en garanti.
Туре		2007
Thickness of steel plates	(mm) 444 y.	pas in Malastra (f. 1905). The Malastra
Dimension (Approx.)		
Height	(mm)	
Width	(mm)*	
Depth	(mm)	
Weight (Approx.)	(kg) :	
Accessories		
		en de la companya de La companya de la co

Tenderer's Data Sheet			<u> </u>	<u> </u>
		(Ten	derer's N	ame)
4.5 SUBSTATION MONITOR PANEL				
Manufacturer	-			·
Туре				
Thickness of steel plates	(mm)	•		
Dimension		2 to 1	A STATE OF	
Height	(mm)			
Width	(mm)			· · · · · · · · · · · · · · · · · · ·
Depth	(mm)		· · · ·	
Weight (Approx.)	(kg)		<u> </u>	
Accessories			1 1 1 1 1 1	-
Meter			·	
Kind x Number				
Type		· 		
Accuracy clas	s			
Manufacturer	· . —	· · ·	· ·	
Kind x Number	: ' ————————————————————————————————————		· 	
Туре	—		· · · · · · · · · · · · · · · · · · ·	
Accuracy clas	s			•
Nanufacturer	-			
Kind x Number	·			· .
Туре	·			
Accuracy clas	S	·		
Manufacturer	·		·	

Tend	lerer's Data Sheet		9-25-31 (a) 6-4-4 (b) (b) (b) (b)
	Company of Artifector Addition of the Company of th	•	(Tenderer's Name)
5.	ENERGENCY DIESEL ENGINE GENERA	TOR	To the Machine
5.1	EMERGENCY DIESEL ENGINE GENER	ATOR	
	Manufacturer		
	Туре		
	Rating		
	Class of rating		,
	Capacity	(kVA)	
	Power factor	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	Voltage	(V)	August Honological Communication
	Current	(A)	
	Frequency	(Hz)	
	Phase		en e
	Pole		er e ferre elle de la lagge de kalende de l'
	Connection		en aj lieta la el la El la el
	Speed	(RPM)	· · · · · · · · · · · · · · · · · · ·
	Insulation class	(111,11)	
	Excitation system		
•	Туре		
	Automatic voltage regulator		
	Over load capability at 11	.0%	 Applications and distributions
	Rated load	(hour)	
	Over speed capability	(%)	36 35 - 12 (1,6 35 35)
	Dimension		
en e	Height	(mm)	
	Width	(mm)	
	Depth	(mm)	<u> Parangan dan kanggalan dan </u>
	- DE05	0-1 -	
1.7			Make the Committee of t

<u> Cenderer's Data Sheet</u>		
	·	(Tenderer's Name)
Weight	(kg)	
5.2 DIESEL ENGINE		ng maga mang ping 1
Manufacturer		
Туре		<u> </u>
Rating		
Output	(k\)	
Speed	(RPM)	6 (45.4) (45.1)
Number of cylinder	-	
Over load	(%)	
Compression ratio		
Combustion system		er ari
Over load capability Rated load	at 110% (hour)	
Over speed capability	(%)	
Starting system	en e	
Automatic starting de	vice	
Starting time from stagnal to full speed	arting	
Kind of fuel		
Fuel tank capacity	(litre)	
Lubrication oil system	n _	
Exhaust system	:	
Dimension		a Veden A
Height	(mm)	49,393
Width	(mm)	the profession of the second
Length	(mm) _	en e
_ :	_	

Tenderer's Data Sheet		(Tandonayla Nama)
e de la companya de La companya de la companya de		(Tenderer's Name)
Weight	(kg)	
Diesel engine generator com assembled	pletely	en e
Dimension	•	
Width	(mm)	
Length	(mm)	
\mathtt{GD}^{2} effect	(kg.m ²)	
Weight	(kg)	
"EIGHT	(ng)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5.3 CONTROL PANEL	andia Locati	Diesel engine Auxiliary generator panel
	e ette varia	control panel
Manufacturer		
Type	en en fan de st	
Thickness of steel plate	(mm)	
Dimension (Approx.)		
Height	(mm)	
Width	(mm)	San Angele Contraction
Depth	(mm)	
Weight (Approx.)	(kg)	·*·.
Space heater		
Capacity	(VA)	Pagner Makasini Pagner
Voltage	(V)	

	(Tenderer's Name)	
KER		
14		•
· · · · · · · · · · · · · · · · · · ·		
•		
(V)		
(A)		
y (kA) _		
(kA)		
(sec)		
(V)	A CONTRACTOR	***
breaker		
(V, A)		
4		•
1 + 1		
. ·		
		.
(mm)		
(RPM)		
free air) _		
(kg/cm ² g) _		
	(V) (A) (KA) (kA) (sec) (V) breaker (V, A) (mm) (RPM) free air)	(V) (A) (Y) (KA) (KA) (sec) (V) breaker (V, A) (RPN) Free air)

Tenderer's Data Sheet		<u> </u>
the second secon		(Tenderer's Name)
Electric Motor		entre de la companya
Nanufacturer	: :	e sastaditik di
Type		
Class of rating		
Rating	en e	to Marie Constitution
Output	(kW)	
Voltage	(V)	
Frequency	(Hz)	Committee of the
Speed	(RPM)	
Vertical or horizont	al	
Insulation class		
Starting method		
Dimension (Approx.)		
Height	(mm)	
Width	(mm)	
Depth	(mm)	
Weight (including ai compressor	r (kg)	
(Approx.)		

enderer's Data Sheet		医二甲基甲基酚 医多种性病 机
		(Tenderer's Name)
Air Receiver		
Manufacturer		<u> </u>
Type		
Number	·	
Capacity	(m^3)	
Diameter	(mm) · 🗀	
Height	(mm)	<u> </u>
Design pressure	(kg/cm ² g)	San Agricus

Tenderer's Data Sheet	
	(Tenderer's Name)
6. BATTERY AND BATTERY CHARGER	
6.1 220V BATTERY AND BATTERY CHARGER	er aleman aleman er
(1) Battery	Unit No. 1
Manufacturer	
Туре	
Mounting method	
Rating	
Voltage (V)	
Capacity (at 5 hour) (Ah)	
Number of unit cell	
Nominal voltage of cell (V)	
Nominal floating voltage (V)	er a medicinativativativativativativativativativativ
Maximum discharge (A)	
Specific gravity of electrolyte at when full charged	
Maximum temperature of electrolyte (°C)	
Volume of electrolyte per cell (litre)	t Andrewski by State (1997)
Dimension	
Height (mm)	y <u>estima plumbijo do do do</u>
Width (mm)	
Depth (mm)	
Weight	
Cell (including electrolyte) (kg)	

Tenderer's Data Sheet	
	(Tenderer's Name)
	Unit No. 1
Total (including mounting	arym kra v de Prija i 1960.
structure and conductor) (kg)	
(2) Rectifier	
Manufacturer	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -
Туре	
Rectification system	
Cooling system	
Rating	entre plane a la filonomie de presenta de la filonomie. La filonomie
Input (AC side)	
Frequency (Hz)	
Frequency fluctuation	
range (With in Hz)	<u>а V.</u>
Voltage (Hz)	
Voltage fluctuation range (With in Hz)	
Power factor (More than %)	
Output (DC side)	
Set voltage	
Floating (V)	
Equalizing (V)	
Voltage adjustment range	
Floating (V)	
Equalizing (V)	
Stage voltage in voltage	

a once e		
Party Ment I		(Tenderer's Name)
Current	(A)	
Set voltage ac	curacy	
Dropping curre	nt (less than A)	www.agas.call
Efficiency (at	Full load) (More than %)	
Counter cell		1000年 医克尔克斯氏 1000年 人名西克尔 医二乙二
Current	(A)	
Cubicle		en e
Dimension (inc	luding rectifier)	1967年 - 19674年 - 1967年 - 19674 - 19674 - 19674 - 19674 - 19674 - 1967
Height	(mm)	
Width	(mm)	
Depth	(mm)	yeige di terak kolo
Weight (includ		1000年1月1日 大平全国的新疆,1000年1月2日
	Current Set voltage ac Dropping curre Efficiency (at Counter cell Current Cubicle Dimension (inc Height Width Depth	Current (A) Set voltage accuracy Dropping current (less than A) Efficiency (at Full load)

Tend	erer	's Data Sheet				
				(Tenderer's	Name)	
6.2	48V	BATTERY AND BATTERY CHARGE	R	Sate and the		
	(1)	Battery	1 27	Additional design of the second		
		Manufacturer				
•	·	Туре		<u> </u>		· -
		Mounting method		· · · · · · · · · · · · · · · · · · ·		
		Rating				
		Voltage	· (V)			
		Capacity (at 5 hour)	•			•
		Number of unit cell				•
			ta and			-
		Nominal voltage of cell	(V)			
		Nominal floating voltage	(V)	. 43	·	·
		Maximum discharge current	(A)			_
		Specific gravity of electrolyte at when for charged	ull			•
		Maximum temperature o electrolyte	f (°C)			.* .
		Volume of electrolyte pe	r (litre)			
	•	Dimension				
•		Height	(mm)			-
		Width	(mm)			
		Depth	(mm)			
		Weight				
		Call (including electi	rolutal			

(kg)

Tenderer's L	ata Sheet		en e
	CHARLEST CONTROL		(Tenderer's Name)
			Unit No. 1
	Total (includin structure and c	onductor)	and the second second
			te transmission (f
(2) Rec	tifier	e egypte film tyd General o gall a bethall	raes y Alexandre III (1997) Talendaria
Ŋ	lanufacturer		
1	уре		
R	Rectification syst	em	
C	Cooling system	ja kest kajaka kas <u>ilija</u>	grant transporture by
F	ating		A Second
	Input (AC side)		
	Frequency	(Hz)	
	Frequency flurange	ctuation and the A	Campany Inter-
	Voltage	(Hz)	
	Voltage fluct range	uation (With in Hz)	
	Power factor	(More than %)	·
•	Output (DC side)	
	Set voltage		
	Floating	(V)	
	Equalizing	(v)	
	Voltage adjus	tment range	
	Floating	(V)	

Equalizing

Stage voltage in voltage adjustment

(V)

Tenderer's_Data_Sheet	
	(Tenderer's Name)
Current (A)	
Set voltage accuracy	
Dropping current (less than A)	and the state of t
Efficiency (at Full load) (More than %)	
Counter cell	1000 中国 400 A 100 A
Current (A)	
Cubicle	A section for the first
Dimension (including rectifier)	
Height (mm)	
Width (mm)	
Depth (mm)	
Weight (including rectifier)	e di serie espera Esperante de la composición della composición de

Tenderer's Data Sheet	(Tenderer's Name)
6.3 24V BATTERY AND BATTERY CHARGER	
(1) Battery	Call of the Control o
Manufacturer	
Туре	
Mounting method	
Rating	
Voltage (V)	
Capacity (at 5 hour) (Ah)	en i de la companya de la distribución de la companya de la companya de la companya de la companya de la compa La companya de la co
Number of unit cell	
Nominal voltage of cell (V)	griedinen. Storm
Nominal floating voltage (V)	
Maximum discharge current (A)	
Specific gravity of electrolyte at when full charged	
Maximum temperature of electrolyte (°C)	
Volume of electrolyte per cell (litr	e) in <u>new sectorial constitu</u>
Dimension	
Height (mm)	
Width (mm)	n Sentral objekt et <u>1885 in de 19</u> 45 in de
Depth (mm)	
Weight	tiga (1995) ayayaya Diyeyê (1995) a tilik
Cell (including electrolyte (kg)	Malekson V., A. Arlander og alle A. Arlander State & C.

		Unit No. 1
	Total (including mounting structure and conductor) (kg)	
(2)	Rectifier	**************************************
(2)		the transport at the
	Manufacturer	
	Type	
	Rectification system	
	Cooling system	
	Rating	
	Input (AC side)	ated to the
	Frequency (Hz)	<u> </u>
•	Frequency fluctuation range (With in Hz)	
	Voltage (Hz)	
	Voltage fluctuation range (With in Hz)	
	Power factor (More than %)	
	Output (DC side)	
	Set voltage	
	Floating (V)	
	Equalizing (V)	tion to the second seco
	Voltage adjustment range	Special Control
	Floating (V)	19 30 1921
	Equalizing (V)	
	Stage voltage in voltage adjustment	

Tenderer's L	Data Sheet		<u></u>		
(s)	en e	•	(Tend	lerer's Name)	
	Current	(A)	· · · · · · · · · · · · · · · · · · ·		
	Set voltage acc	uracy			
	Dropping curren	it (less than A)			
	Efficiency (at	Full load) (More than %)		van 1945 – Landers	
	Counter cell				
	Current	(A)			
	Cubicle				
	Dimension (incl	uding rectifier)	•	•	
	Height	(mm)			
	Width	(mm)			
	Depth	(mm)	100 (100 (100 (100 (100 (100 (100 (100	Sign (1984)	
	Weight (includi	ng rectifier) (kg)			
· ·					

40 A. A.

Tenderer's Data Sheet		<u> </u>
		(Tenderer's Name)
7. COMMUNICATION	\$1.7 P. 1	They will be a second
7.1 PAGING SYSTEM		$\operatorname{Car}^{m}(A_{n}^{d}) = A^{m} \operatorname{Car}^{d}(A_{n}^{d})$
(1) Amplifier Panel		
Manufacturer	, ¹	
Туре	og differential by gathyddio. 	
Thickness of steel pla	ate (mm)	
Rating		Similar Sign
Output	(W)	e Paris de la companya del companya della companya della companya de la companya de la companya de la companya della companya
Frequency character		and the state of t
	(Hz)	
S/N ratio	. (dB)	er er B
Input impedance	(ohm)	
Output impedance	(ohm)	
Dimension	Maria A	
Height	(mm)	
Width	(mm)	
Depth	(mm)	
Weight (Approx.)	(kg)	
(2) Power Source Panel		
Manufacturer	_	
Туре	·	
Thickness of steel pla	ite (mm)	
Rated voltage		
Input	(V)	
Output	(V)	

Tenderer's Data Sheet		<u> </u>
		(Tenderer's Name)
Molded type air circu	lt breaker	
Number	******	appa GRosewatt
Rating	(V, A)	
Dimension		
Height	(mm)	yere the seeffer of the
Width	(mm)	1 • 12 (A) (A) (A) (A)
Depth	(mm)	
Weight (Approx.)	(mm)	The state of the s
(0) Hand Oak		
(3) Hand Set		
Manufacturer _	<u></u>	
Туре		<u>and the second of the second </u>
Number		
Outdoor wall suppo	* .	
Outdoor self stand	ing type	<u> 1944-yılının yazırı</u>
Indoor desk type		
Dimension		
Height	(mm) <u> </u>	
) Width	(mm)	
Depth	(mm) <u> </u>	
Weight	(kg)	
(4) Speaker		
Manufacturer	-	
Туре		
	. Partition of	March Progress Commen
CV - DE	070-2 -	

Tenderer's Data Sheet		
		(Tenderer's Name)
Number		
Horn wall type		<u> </u>
Horn water proof t	ype	
Cone type	·	the distribution of the
Diameter		
Horn type	(mm)	
Cone type	(mm)	
cone cype	(mm)	
(5) Control Console Desk		
Manufacturer		
Туре		100 (100 (100 100 (100 (100 (100 (100 (
Dimension		
lleight	(mm)	1.00
Width	(mm)	
Depth	(mm)	grand grand and a sign of said on the
Weight (Approx.)	(kg)	<u> </u>
7.2 PRIVATE AUTOMATIC BRANCH EX	CHANGER	
(1) PABX	gas *	
Manufacturer		<u>, 174-19</u>
Туре		1 + 41 yk
Rating		1 - 44 1 A
Subscriber	(circuit)	
Public telephone trunk	(circuit)	
Extension trunk	(circuit)	
	(Otrouto)	
Number group		

Tenderer's Data Sheet		
		(Tenderer's Name)
Tone signal and class of	rating	All Marie (1997)
Dial tone	(Hz)	
Busy tone	(llz)	
Ring back tone	(Hz)	
Ringing tone	(Hz)	
Howler tone	(Hz)	
Output	(V)	
Input voltage	(V)	
Line condition		
Loop resistance of	() ()	n en
line	(ohm)	
Leakage resistance	(ohm)	
Characteristics of impul	se	arta, dagga pradi i Marraki .
Impulse type	(PPS)	
Impulse speed	(PPS)	
Minimum pulse	(msec)	<u> </u>
Trunking scheme		
	(Militari Tanàna	
	A Assert 124	
	is francisco da c	see that is presented.
		with part of the control of the cont
Dimension		
Height	(mm)	
Width	(1993 - 297 (mm)	eng disadigush sapasari eti shiribi ili Shiri

Tenderer's Data Sheet		
ere e de la referencia. La companya de la co		(Tenderer's Name)
Depth	(mm)	
Weight (Approx.)	(kg)	Attitude Bushing Committee
(2) Attendand Consol	the second second	Start The All Control
Manufacturer	JH 1	
Туре		
Dimension		
Height	(mm)	
Width	(mm)	
Depth	(mm)	
Weight (Approx.)	(kg)	
7.3 CLOCK SYSTEM	1.	
Master clock equipment		
Manufacturer	· ·	
Туре		
Rating	2.532.50	
Oscillating frequency	(kHz)	
Time error	(per day)	
Slave clock output	(channel)	
Signal		
Capacity		
Input power source		
Panel		
Туре		
Thickness of steel pla	ate (mm)	

Tenderer's	Data Sheet			
				(Tenderer's Name)
in the second	Dimension (Approx.)			
	Height	(mm)		
	Width	(mm)	-	egy og Existential
	Depth	(mm)	•	g migrae golde, that f
	Weight (including maclock equipment) (Approx.)			e produkte spilosoft s Palesta salasta kilosoft
	Slave clock			
	Manufacturer			5 9425 C
	Туре		· · · · · · · · · · · · · · · · · · ·	<u> </u>
	Numbers		· · · · · · · · · · · · · · · · · · ·	yang kelangga panggan di pelanggan
	60cm diameter		<u> </u>	
	20om diameter			

<u>Ter</u>	derer's Data Sheet		<u> </u>
			(Tenderer's Name)
8.	LIGHTING		Main building Main building first floor mezzanine
			floor
	Lighting fixture		
	Manufacturer		
	Quantity and type		the gradual state of the second state of
	Fluorescent lamps		
	Number		
	Туре		
	Rating		
	Incandescent lamps		
	Numbers		
	Туре		
	Rating		
	Mercury vapor lamps		
	Numbers		
	Type		
	Rating		<u> </u>
	Power receptacles		
	Number		
	Type		
	Rating		
	Exit sign lights	٠	
	Quantity		
	Type		
	Rating		

Tenderer's Data Sheet

Tenderer's Data Sheet	
	(Tenderer's Name)
using two pieces of the letter of the series of the letter	Main building Boiler operation floor area
Number	
Type	
Rating	
Exit sign lights	
Quantity	
Туре	
Rating	
THE STATE OF THE S	High the Library and
Lighting distribution panel	en e
Manufacturer	
Quantity	
Туре	
Rating (V	, A)
Illumination level	
	H ₂ gas Screen & chlo.
Lighting fixture	generator room control room
Manufacturer	
Quantity and type	selfal
Fluorescent lamps	man a seeda milimpi da fi
Numbers	the state of the s
Туре	
Rating	

Tenderer's Data Sheet

Incandescent lamps	H ₂ gas generator room	Screen & chlo control room
Numbers	-1 y-1 - 1	
Type		
Rating		
Mercury vapor lamps	Same that he	
Numbers	e <u>jan market ja ja</u>	
Туре		
Rating		
Power receptacles	<u> </u>	
Number		<u> </u>
Type		
Rating	<u> </u>	
Exit sign lights		
Quantity		
Туре		· · · · · · · · · · · · · · · · · · ·
Rating (V, A)		
Lighting distribution panel		## .
Manufacturer		
Quantity		
Туре		
Rating		A Maria
Illumination level		1924 - Paris Paris 1924

The second of th	Plant and waste water equip. area	Plant water equip. control room
Lighting fixture	4.7	
Manufacturer		
Quantity and type		
Fluorescent lamps		
Numbers		
Туре		· · · · · · · · · · · · · · · · · · ·
Rating	:	
Incandescent lamps		
Number		
Туре		. :
Rating		
Mercury vapor lamps		e sala
Number		teast full
Type		
Rating		
Power receptacles	ender de estador	and the state of t
Number	: 1	
Type		
Rating		
Exit sign lights		34 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Quantity		
Туре	<u> </u>	Walter State of the Control
Ratino		

Tenderer's Data Sheet			(Tendere	r's Name)
Lighting distribution panel	,	Plant and waste wate equip. are	er ea	Plant water equip. control room
Manufacturer		e de la companya de l		
Quantity		· · · · · · · · · · · · · · · · · · ·	1600 1	
Type				34.50 T
Rating (V,	A)			100
Illumination level			<u>. 25 1</u> /2	
Lighting fixture		Screen a	area	Heavy oil tank and pump station
Manufacturer				pump outstor
Quantity and type			14 3 1 m m	19 <u>(9) (47) (</u>
Fluorescent lamps				ម្រើប្រទេស។ ប្រភព្វិស្សិកសម្រើប ប្រភព្វិស្សិកសម្រើប
Numbers				
Type Rating		. 		ye vekee
Incandescent lamps	· :		Agrica (i ana an in 18
Numbers				
Rating	• .			1.0 <u>9.4414.47</u>
Mercury vapor lamps				
Number Type				
Poting		•	·	

The special sections	and the Angles of the Control of the
	Section 1

Fluorescent lamps

Numbers

Туре

Rating

Tenderer	's Data Sheet	The Control of the American
	A Late Constraint Constraint	(Tenderer's Name)
		Main trans- Heavy oil former area service tank area
	Incandescent lamps	
	Numbers	<u>and the second of the second </u>
	Type	
	Rating	
	Mercury vapor lamps	48
	Number	
	Туре	the state of the s
	Rating	
	Power receptacles	
	Number	
	Туре	No. as salver or effective.
	Rating	en e
	Exit sign lights	
	Quantity	
	Туре	
	Rating	
	Lighting distribution panel	
	Manufacturer	en e
	Quantity	
	Туре	
	Rating (V, A)	
	Illumination level	

Lighting fixture	Administration Building
Manufacturer	
Quantity and type	
Fluorescent lamps	
Numbers	
Туре	en e
Rating	
Incandescent lamps	
Numbers	
Туре	
Rating	
Mercury vapor lamps	
Numbers	
Type	en e
Rating	
Power receptacles	
Numbers	
Туре	
Rating	
Exit sign lights	
Quantity	
Type	
Rating	

Tender	rer's Data Sheet	4		<u>Portato de la comp</u> e
			(Tenderer'	s Name)
	Lighting distribution panel	•		Administration Building
	Manufacturer	•		
	Quantity		and the second	1
	Type	· ·		:
	Rating	(V, A)	· Tigi.	
	Illumination level			
`	Lighting fixture	CV	P area F	
	Manufacturer		i demi. i	Kiranessi Lina
	Quantity and type	•		
	Fluorescent lamps			
	Numbers		:	
	Туре	. 		
	Rating			
	Incandescent lamps	· · · · · · · · · · · · · · · · · · ·		
	Numbers		e de la companya de La companya de la co	
				
)	Type	<u></u>		
	Rating	<u></u>		
	Mercury vapor lamps			
	Numbers	<u> </u>	<u> </u>	<u> </u>
	Туре			
	Rating	_		
	Power receptacles			
	Numbers			
	Type			

Tenderer's Data Sheet	(Tenderer's Name)		
 Section 1. The section of the section	(Tenderer & Rame)		
The state of the s	CWP area FDF area		
Rating			
Exit sign lights	100000000000000000000000000000000000000		
Quantity			
Туре			
Rating			
Lighting distribution panel			
Manufacturer			
Quantity			
Type			
Rating (V, A)	## No. of the Control		
Illumination level			

Tenderer's Data Sheet	(Tenderer's Name)
Lighting fixture	Other outdoor Parking area equipment
Manufacturer	
Quantity and type	en e
Fluorescent lamps	
Numbers	
Туре	
Rating	
Incandescent lamps	e de la compania de La compania de la co
Numbers	Andrew Marian
Type	
Rating	. paistus sumi
Mercury vapor lamps	
Numbers	
Туре	
Rating	
Power receptacles	
Numbers	Kath Tolyk
Type	
Rating	
Kaving	
Lighting distribution panel	
Manufacturer	
Quantity	
Туре	
Rating (V, A)	
Illumination level	<u> </u>

Lighting fixture Main Manufacturer Quantity and type Fluorescent lamps Numbers Type Rating Incandescent lamps Numbers Type Rating Mercury vapor lamps	(Tenderer	Branch r	oad
Manufacturer Quantity and type Fluorescent lamps Numbers Type Rating Incandescent lamps Numbers Type Rating	road	Branch r	oad
Quantity and type Fluorescent lamps Numbers Type Rating Incandescent lamps Numbers Type Rating			· · · · · · · · · · · · · · · · · · ·
Fluorescent lamps Numbers Type Rating Incandescent lamps Numbers Type Rating	gride in the		
Numbers Type Rating Incandescent lamps Numbers Type Rating		1.30	
Type Rating Incandescent lamps Numbers Type Rating			
Rating Incandescent lamps Numbers Type Rating			
Incandescent lamps Numbers Type Rating			_
Numbers Type Rating		·	
Type	e e e e e e e e e e e e e e e e e e e		
Type			
Rating			
mercury vapor ramps			
Nimboro	• *		
Numbers			
Rating			
Power receptacles	ut yestitkiri		
Numbers			
Type		:	
Rating			
Itabila distabbution papol			
Lighting distribution panel	and the second	es Folker (
Manufacturer	i i i i i i i i i i i i i i i i i i i 	A REST	
Quantity			
Туре			· · · ·
Rating (V, A)	·- 	to the first	
Illumination level			

Lighting fixture	
Property of the second	Central control Computer room
Manufacturer	
Quantity and type	Supplied to the supplied to
Fluorescent lamps	
Numbers	
Туре	
Rating	
Incandescent lamps	edwist Springerseepers
Numbers	
Туре	
Rating	
Mercury vapor lamps	gradient de la
Numbers	
Туре	
Rating	<u> </u>
Power receptacles	MARKEN MARK THE A
Numbers	
Туре	
Rating	en e
Lighting distribution panel	
Manufacturer	
Quantity	
Туре	. <u> </u>
Rating (V.A)	
Illumination level	

derer's Data Sheet	(Tender	er's Name)	
Lighting fixture	Battery room	Control equip. room	
Manufacturer	· .		
Quantity and type	40 90		
Fluorescent lamps	jesti sinaka.		
Numbers			
Туре		en de la companya de La companya de la co	
Rating			
Incandescent lamps			
Numbers			
Туре		· · · · · · · · · · · · · · · · · · ·	
Rating			
Mercury vapor lamps			
Numbers			
Туре			
Rating			
Power receptacles	g Market L	en 114	
Numbers	, <u>, , , , , , , , , , , , , , , , , , </u>		
Туре		erioria. Pro <u>stanto de la compansión de la compansión</u>	
Rating	24.1		
	·		
Lighting distribution panel	in the state of the first	ntwarfergriff Tolon	
Manufacturer			
Quantity			
Туре		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	
Rating (V, A)		· [編集 模型] · · · · · · · · · · · · · · · · · · ·	
Illumination level		#1 <u>2001.0</u>	
- DE080-15 -	er CVC i i		۹
			de la

/22
(Tenderer's Name)
Laboratry room PABX room
the state of the s
Salar Salar William
gman fill tight, til skill frugt
<u> </u>
Lagran Com Process
<u> </u>
<u> </u>
- 23
olingra, 2017 villar abada Alfryddol Gwelet ac Gwelet ac Gwell
<u>and a substitution of the second design of the sec</u>
ing the state of t

Tenderer's Data Sheet		Application of the second		
		(Tenderer	's Name)	
Lighting fixture		Air conditioner machine room	Conference room	
Manufacturer		e jer -		
Quantity and type		per file or a		
Fluorescent lamps			of the second	
Numbers				
Туре				
Rating				
Incandescent lamps		g Magazinia		
Numbers		<u> </u>	·	
Туре				
Rating		<u> </u>		
Mercury vapor lamps		that is agree		
Numbers				
Туре		* * * ·		
Rating				
Power receptacles		and the state of		
Numbers			·	
Type			·	
Rating				
Lighting distribution panel		district the state of the same		
Manufacturer			Dan e K	
Quantity				
Туре			6-87	
	(V, A)			
каотив /	., 11)			
Illumination level		<u> </u>	<u>tana ta ka Kili sa </u>	

Tenderer's Data Sheet	* * * * * * * * * * * * * * * * * * * *	
		(Tenderer's Name)
9. CV (XLPE) CABLE 9.1 220 kV CV CABLE		
		Main transf. CV cable
Manufacturer		
Туре		
Rated voltage	(kV)	
Core and size	(mm ²)	X = \(\frac{1}{2} \left(\frac{1}{2} \right) \\ \frac{1}{2} \left(\frac{1}{2} \right) \\ \frac{1}{2} \\ \fra
Conductor		
Shape	1 (94)	Augustin action
Outer diameter	(mm)	gua sa ugetti.
Insulation	in the stage of	
Thickness	(mm)	V (5 - 25 3 - 115)
Outer diameter	(mm)	
Weight	(kg/km)	
Length	(m)	

<u> Tenderer's Data Sheet</u>		
		(Tenderer's Name)
9.2 132 kV CV CABLE		Starting transf. CV cable
Manufacturer		
Туре		
Rated voltage	(kV)	
Core and size	(mm ²)	<u> </u>
Conductor		
Shape		granta ang t
Outer diameter	(mm)	<u> </u>
Insulation		angraph to the confi
Thickness	(mm)	1.579,441,470,4
Outer diameter	(mm)	1997
Weight	(kg/km)	<u> </u>
Length	(m). · · · . ·	

Tenderer's Data Sheet		
		(Tenderer's Name)
9.3 11 kV CV CABLE		Starting transf. CV cable
Manufacturer		
Туре	·	
Rated voltage	(kV)	
Core and size	(mm ²)	x
Conductor		
Shape		
Outer diameter	(mm)	
Insulation		
Thickness	(mm)	
Outer diameter	(mm)	
Weight	(kg/km)	
Length	(m)	

Tenderer's Data Sheet			(Tanda	rer's Name)	•
10. CONSTRUCTION MATERIALS			(rende	ter s rame)	
10.1 CABLE					
(1) Power Cable	•		6,600V	600V	•
Manufacturer					
Kind					*
Number of core				1 : V /	•
Total length	(m)				
					-
er en			6,600V	600V	
Manufacturer		٠.		e <u>new Agrillones.</u> The second	
Kind					
Number of core				· . ·	
Total length	(m)			<u></u>	
(2) Control Cable				to grade the second	
Manufacturer					
		•			
Kind		•	'		
Number of core					-
Total length	(m)	•	· · · · · · · · · · · · · · · · · · ·		
				•	
Manufacturer					
Kind		_			
Number of core		-			€ **:
Total length	(m)				

4 4 4						÷	
.	Sa Data Olivat	·				24.5	
enderer	's Data Sheet		•		(Tend	lerer's	Name)
(3)	Communication Cable		•	•	-		
	Use					eli gela	en de la companya de La companya de la co
						-	
	Manufacturer						
	Kind		7				
	Number of core						
٠	Total length	(m)	٠	:			
						1962	ng taonah salah
•	Use					· -	
	Manufacturer		٠.				
	Kind				* * *		
	Number of core						
· '							
•	Total length	(m)					· · · · · · · · · · · · · · · · · · ·
(4)	Special cable					i light	
(4)			;		2	·	
•	Use				 ~		
	Manufacturer	٠			<u></u>		
÷1.	Kind						
	Total length	(m)	**				
			(#) -				
	Use						<u> </u>
	Manufacturer	•					·
	Kind						Talling to have
	Total length	(m)					

<u> Tenderer's Data Sheet</u>		<u> </u>
		(Tenderer's Name)
(5) Others		era de la Santa de La Santa de La Carta de
Manufacturer		
Kind		e gardina zakona
Total length	(m)	
10.2 CONDUIT	: A	
Manufacturer		
Kind		
Total length	(m)	
Manufacturer	-	
Kind		
Total length	(m)	
10.3 CABLE TRAY		
Manufacturer		
Kind		
Total length	(m)	Substanting of the second of t
Total weight	(kg)	
2000/2 We-O		
Manufacturer	,	Allen
Kind		
Total length	(m)	
Total weight	(kg)	

Tenderer's Data Sheet	derer's Data Sheet	
10.4 GROUNDING WIRE		
Manufacturer		· · · · · · · · · · · · · · · · · · ·
Kind		
Total length	(m)	
Total weight	(kg)	

•	(Tenderer's Name)	
)		
	<u>a separativa de la companya de la c</u>	
4.4		
osion-		·
(k\)		
(V)		
(Hz)		
(RPM)		
(mm)		
(mm)		
(mm)		٠. •
(kg)		
	(k\) (V) (H2) (RPM) (mm) (mm)	(kW) (V) (Hz) (RPM) (mm) (mm)

SECTION VI

PLANT COMPUTER SYSTEM







	SECTION VI. PLANT COMPUTER SYSTEM	
		ni an
		PAGE
	CENTRAL PROCESSING UNIT (CPU)	
	CPU	
	MAIN MEMORY UNIT	
* .	AUXILIARY MEMORY UNIT	
	FIXED HEAD DISK UNIT OR IC MEMORY	1.1
	PROCESS INPUT/OUTPUT UNIT	and a second second
4	ANALOG INPUT SYSTEM	of the second second
	DIGITAL INPUT SYSTEM	
3.3	PULSE INPUT	
3.4	ANALOG OUTPUT	DP03-2
3.5	DIGITAL OUTPUT	DP03-2
4.	CABINET OF COMPUTER SYSTEM	DP04-1
5.	CRT UNIT	DP05-1
6.	PRINTER	DP06-1
7.	I/O PRINTER	DP07-1
8.	TREND RECORDER	DP08-1
9.	FLOPPY DISK DEVICE	DP09-1
10.	HARD COPY UNIT	DP10-1
11.	OPERATOR'S CONSOLE	DP11-1
12.	OPERATOR'S DESK	DP12-1
13.	PRINTER DESK	DP13-1
14.	ENGINEER'S DESK	DP14-1
15.	OPERATION GUIDE TRAINING EQUIPMENT	DP15-1
16.	SYSTEM AVAILABILITY	DP1.6-1
17.	SOFTWARE	DP17-1
Sauth-	SPARE PARTS FOR COMMON AUXILIARY EQUIPMENT	
	[14] 12 12 12 12 12 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	
	- DP00-1 -	
Al A		

	Tenderer's Data Sheet		(Tender	er's Name)
VI. P	LANT COMPUTER SYSTEM			
4.5	he Contractor shall guara	antee the items		renderer's Data
	heet.			Carrier Service To the Control of th
1. CE	NTRAL PROCESSING UNIT (CI	20)	Talija A. F.	No this Special Control of the
1.1 C	P U	La Carrier (Argensia)		gere skudig i st
(1) Manufacturer			
(2) Type			
(3)) Number			
(4) Logic circuit element			Searge (1999 XXII) (Se
(5)) Arithmetic operation	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
(6)) Addressing			Hande Carlo d' Carron de Colo
	tanta da santa da sa Santa da santa da sa			4863 - 163 E - V
(7) Registers			
(8)) Data word	(bits)		
(9)			YES	NO
		e incidded		NONO
(10)			YES	NO
(11)				
	. Voltage (AC)	(volts)		
	. Frequency	(Hz)		
	. Power consumption	(VA)		
(12)) Power supply system bl diagram by No.	lock		
(13)	Outline arrangement of computer system by No.			
		DP01-1 -	in the second of	general de la companya del companya della companya della companya de la companya de la companya de la companya della companya

	<u>I</u>	enderer's Data Sheet		(Tenderer's Name)
		utline block diagram of ach function by No.		
	(15) E	nvironment requirement		este nijeriga viljaken. Hersebur 1905 ili dala Kanada kanada kanad
٠.	•	Temperature	(°C)	
	•	Humidity range	(%RH)	
		Heat output	(kcal/h)	
1.	2 MAIN	MEMORY UNIT		er de la constituto (Caracia) de la constitución de
	(1) E	lement		
	(2) E	rror check		YES NO
	(3) C	ycle time	(usec)	
	(4) E	xpansion	(KB)	
	(5) I	ncremental	(kB)	
	(6) M	emory capacity	(kB)	

Property and second of the control o

Tenderer's Data Sheet		and the state of the state of
The state of the s		(Tenderer's Name)
AUXILIARY MEMORY UNIT		
FIXED HEAD DISK UNIT OR IC MEMORY		The second and the Market of
(1) Manufacturer	e e e e e e e e e e e e e e e e e e e	
(2) Number		n an agus main a tainn 1900 na ceannath tainn 1908 Antain
(3) Type	9 (f. 171) 3 (f. 171)	
(4) Capacity	(MB/drive)	n de la compresión de l
(5) Access time	(msec)	
(6) Recording density	(BPI)	
(7) Recording method	_	processor follower programme (follower)
(8) Rotation speed	(rpm)	i i i i i i i i i i i i i i i i i i i
(9) Transfer rate	(kB/sec) _	
(10) Dimension W x D x H	(mm)	X. 19 January X. 1700
(11) Weight	(kg)	<u> 1900 – Proposition de la constitución de la const</u>
(12) Power consumption	(VA)	
(13) Maintenance interval	(hr)	
(14) Maintenance fime	(hr)	A CONTRACTOR OF THE STATE OF TH
	3 Daniel 3	n projekti (j. 1940.) 1970. – Projekti Population (j. 1940.)
		og til Margan och filografi och stillet fill och till. Det som som kommuniktioner som kommuniktioner som kommuniktioner som kommuniktioner som kommuniktioner som ko
		The Administration of the Community of t
		en la companya de la
		Tasackel for Ellerandrage
	And Andrews (Control of the Control	

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		Tenderer's Data Sheet	-	(Tenderer's Name)
3.	PROC	ESS INPUT/OUTPUT UNIT		
3.1		LOG INPUT SYSTEM		
	(1)	Input impedance	(ohms)	
	(2)	Maximum source impedance that can be connected to inputs		
	(3)	Maximum continuous voltage that can be appl without damage	ied (volts)	
•	(4)	Surge protection (kV	for usec) _	
	(5)	Maximum number of analog input point	*	
	(6)	Maximum number of R.T.D point	nil est	
	(7)	Maximum number of thermocouple point		
	(8)	Multiplexer scanning (P	oint/sec)	RION L
3.2	DIG	ITAL INPUT SYSTEM		i kanadanga kabili 19 Kanadanga kalantata
	(1)	Excitation voltage	(volts)	
	(2)	Contact current	(amps)	
•	(3)	Minimum contact duration	(msec)	
	(4)	Maximum distance to field contact	(meters)	
	(5)	Maximum number of contact input points	·-	
	(6)	Number of point/module		
			-	
	(7)	Maximum continuous volta applied without damage	ge (volts) _	
	(8)	Surge protection (kV	for usec) _	

		Tenderer's Data Sheet		
		Committee Committee	_	(Tenderer's Name)
	(9)	Scan rate (P	oint/sec)	
((10)	Type of isolation coupling	g ·	
3.3	PUL	SE INPUT		
	(1)	Line impedance	(ohms)	
	(2)	Type of input		
	(3)	Contact current	(amps)	addition to the limits in
	(4)	Maximum input frequency	(Hz)	
0	(5)	Maximum count input circuit		
	(6)	Validity check		
	(7)	Maximum number of pulse input point		
	(8)	Number of point/module		
3.4	ANA	LOG OUTPUT		
	(1)	Type of output		
	(2)	D/C converter resolution	(bits)	
0	(3)	Withstanding voltage	(volts)	
	(4)	Maximum number of output point		
	(5)	Number of point/module		
3.5	DIG	ITAL OUTPUT		
	(1)	Type of output		
	(2)	Type of contact		

..*	Tenderer's Data Sheet	Tanàna	(Tenderer's Name)
(3)	Contact rating	(VA)	
		(ohms)	Section 1 Level Description of the 192
(4)	Operating time	(msec)	
(5)	Maximum number of output point		
(6)	Number of point/module		e <u>The Committee of the Committee of the</u>

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internal desired in the comment of t

And the Committee of th

	Tenderer's Data Sheet				
	Sumple stated to be				(Tenderer's Name)
4.	CABINET OF COMPUTER SYSTEM				
	(1) Manufacturer				
٠	(2) Number				
.*	(3) Type	· .			
	(4) Thickness of steel plates	(mm)			
	(5) Dimension				A CONTRACTOR OF THE SECOND
	. Height	(mm)		<u></u>	
	. Width	(mm)			
	. Depth	(mm)		. · · · ·	Harris Complete Ad
	(6) Anti-vibration rubber	;	• • • •		YES NO
	(7) Weight	(kg)			
					and the second of the second o
. •		•	$\{\{a_0\}\}$	2	operate statistic factor (v
			1.5		
					Little Committee (Committee)
	Although Alberta (1997). And Alberta (1997). Although Alberta (1997).				Simple of the Control
			17 114 13		The Control of the Co

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		Tenderer's Data Sheet			2004/1000	4 200 200 400
			•		(Tende	rer's Name)
5.	CRT	UNIT			erie Grant de Specifie	e en la marchia de la compansión de la com La compansión de la compa
	(1)	Manufacturer	•			
	(2)	Туре				
	(3)	Number				
	(4)	Number of character				X
				13		
	(5)	Kind of character		•		14) 12 may 15 (15) 15
		en e				\$4.2.1 kg
	(6)	Kind of colors		1.55		
	()			7 %		0 10
	(7)	Character size				X
	(8)	Keyboard		Trans.	YES	NO
	(9)	Display tube size	(inch)			
	(10)	Weight	(kg)	•		
	(11)	Power consumption	(VA)			
	(12)	Ambient temperature range	(°C)		· · · · · · · · · · · · · · · · · · ·	
	(13)	Ambient humidity range	(%RH)	_		

	Tenderer's Data Sheet		ar galar yayar	
	Taran Caranga and		(Tende)	cer's Name)
6. P	RINTER			Mag of Mag 189
(1) Manufacturer		· · · · · · · · · · · · · · · · · · ·	Book Charles Williams
(2) Number	·	· · · · · · · · · · · · · · · · · · ·	
(3) Type			
(4) Printing speed (char./sec)	::::::::::::::::::::::::::::::::::::::		
(5) Line capacity (char./inch	r) :(· · · · · · · · · · · · · · · · · · ·	
(6) Dimension W x D x H (mm)	<u> </u>	X	A Market Control
(7) Key board		YES	NO NO
(8) Weight (kg)	· · · · · · · · · · · · · · · · · · ·		
(9) Power consumption (VA)		<u> </u>	
(1	O) Ambient temperature range (^O C)	i s <u>italin</u>	<u> </u>	Buday (b. 2136) (1)
(1	1) Ambient humidity range (%RH)		ing the second of the second o	

		Tenderer's Data Sheet						
					(Tenc	lerer's Na	me)	
7.	1/0	PRINTER					ne di li] / S
٠	(1)	Manufacturer					4.49	1::
	(2)	Number						
	(3)	Туре					1885 2 Tr	<u> </u>
	(4)	Printing speed	(char./s	sec) <u>></u>		regalizati	ark 1	
	(5)	Line capacity	(char./i	nch) 🔀			111.	
	(6)	Dimension W x D x H	(mm)		X	X	4. 4.4.4	
	(7)	Keyboard			YES	. <u> </u>	NO	
	(8)	Weight	(kg)	1 1 X				:
	(9)	Power consumption	(VA)	A A 7 / 1			yay A	- 1
	(10)	Ambient temperature range	e,(°C)					:
	(11)	Ambient humidity range	(%RH)			i aniuan tu	pieling.	ķ :

		Tenderer's Data Sheet		
		Carena, B. Barriera		(Tenderer's Name)
8.	TREN	D RECORDER		in the vistal vesses
	(1)	Manufacturer		
	(2)	Туре		<u> </u>
	(3)	Number		
	(4)	Number of pen	en e	
	(5)	Chart speeds	(m/min)	to the first planting (4)
	(6)	Dimension W x D x H	(mm)	x
	(7)	Input signal	(mA) 44-1-1-1	en e
	(8)	Power consumption	(VA)	Literatural value of the
	(9)	Ambient temperature range	(°C)	THE PERSON NAMED IN COLUMN TO THE PE
	(10)	Ambient humidity range	(%RH)	

		Tenderer's Data Sheet		College - Jag of College (1997)
				(Tenderer's Name)
9.	FLOP	PY DISK DEVICE		
	(1)	Manufacturer	-	
	(2)	Туре		
	(3)	Storage capacity	(kB)	3.00 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
	(4)	Packing density	(BPI)	The second of th
	(5)	Number of track		
	(6)	Transfer rate	(kB/sec)	A Company of the second of the
	(7)	Mean access time	(msec)	the proof of the state of the s
	(8)	Number of connectable drives		e de la composition della comp
	(9)	Dimension	(mm)	X X
	(10)	Weight	(kg)	
	(11)	Power consumption	(VA)	
	(12)	Ambient temperature range	(°C)	
	(13)	Ambient humidity range	(%RH)	

Tenderer's Data Sheet			
The Control of the Co		(Tenderer's Name)	
10. HARD COPY UNIT		The state of the second	
(1) Type			
(2) Number		<u> Nasam m</u>	
(3) Dimension	(mm)		
(4) Weight	(kg)	The grander of the section of	
(5) Power consumption	(VA)	<u> </u>	
(6) Copying method			
(7) Copy size	(mm)	X	
(8) Copying speed	(sec)		
(9) Exposure time	(sec)		
(10) Developing time	(sec)		
(11) Kind of colors			
(12) Ambient temperature range	e (°C)		
(13) Ambient humidity range	(%RH)		

	٠	Tenderer's Data Sheet			(Tende	rer's	Name)		
11.	OPERATOR'S CONSOLE							e gyttille	1.454	
	(1)	Туре		~	· 				1.	
	(2)	Number							1	
	(3)	Dimension W x D x H (mm)) (juli)	·		<u>x</u>	100	X	<u> </u>	
	(4)	Selection method of function			·					
	(5)	Weight (kg)	14,511)			·			eniaji .	
	(6)	Power consumption (VA)			:				· ·	
	(7)	Key sets					THE Control of the Control of the Co			
		. alphanumeric keys . functional keys							(
	-	. control keys			· .		North Control			
	(8)	. ten keys	€ 12			rija (1909) Tija (1909)				

	Tenderer's Mata Sheet				(Tenderer's Name)				
12.	OPE	RATOR'S DESK					1 2	garage Diene	i,
	(1)	Manufacturer						an da Landar	
	(2)	Number							: A
	(3)	Туре		:		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· · · ·
	(4)	Soundproof cove	r (1971)			YES	<u> </u>	МО	· - [];
	(5)	Dimension				-		e di kasa bi	2 · 3
		. Height		(mm)					:
		. Width	en de la companya de La companya de la co	(mm)	. <u>(</u>			46,023	
		. Depth		(mm)			·	138 (148) 144)	
	(6)	Weight	•	(ke)				. 152 000	

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	Tenderer's Data Sheet							
	AND THE RESERVE OF THE PROPERTY OF THE PROPERT				(Tenderer's Name)			
			•			· · · · · · · · · · · · · · · · · · ·		
13.	PRI	NTER DESK						
	(1)	Manufacturer		·	Park Hada (A. Hidis) a			
	(2) Number							
	(3) Type			· · · · · · · · · · · · · · · · · · ·				
	(4)	(4) Soundproof cover			YES	144 114 14 NO 1 11 1 1 1 1 1		
	(5)	Dimension			·	instagnstiff (2		
		. Height	(mm)	· .		to the second		
		. Width	(mm)			1000		
		. Depth	(mm)	44. ⁵		San		
	(6)	Weight	(kg)	<u></u>		<u> </u>		

	renderer's pata Sheet		
*		• •	(Tenderer's Name)
L 4.	ENGINEER'S DESK		rige in the comment of the
•	(1) Manufacturer	•	in the property of the
	(2) Number	•	
	(3) Type		
	(4) Soundproof cover		YES AALA LA GARAGINO A
• •	(5) Dimension		The second second
	. Height	(mm)	ARTO TO
	. Width	(mm)	<u>. The second of the second of</u>
	. Depth	(mm)	Long Construction of the C
	(6) Weight	(kg)	

Tenderer 8 Data Sheet	(Tenderer's Name)
15. OPERATION GUIDE TRAINING EQUIPMENT	安全的基本
(1) Manufacturer	<u> </u>
(2) Number	
(3) Type, dimension (mm)	43.
. Operator station	i gerkari, aning ansilo. Th
. CRT graphic	
. Printer	
. Hard copy	
(4) Ambient temperature, humidity range	
(°C) (%RH)	

Tenderer's Data Sheet

(Tenderer's Name)

- 16. SYSTEM AVAILABILITY
 - (1) M.T.B.F 2x10³ Hours or more

(hr)

(2) Availability 99.5% or more (%)

*

>- ×24

	Tenderer's Data Sheet		(Tenderer's Name)			
17.	SOF	TWARE				
	(1)	Basic operation system	YES	NO		
	(2)	Basic application software package	YES AND THE	NO		
	(3)	Diagnostic software	YES	NO		
	(4)	Application software package	YES	<u>NO</u>		
	(5)	Plant status monitor system	YES	NO		
	(6)	Performance compution system	YES	<u>NO</u>		
	(7)	Utility program	YES	<u>NO</u>		
:	(8)	TSM software	YES	NO		
	(9)	Event recall	YES	<u>NO</u>		
	(10)	Trip sequence	YES	<u>NO</u>		
	(11)	Graphic display	YES	<u>NO</u>		
	(12)	Hard copy	YES	NO		
	(13)	Operation guide training	YES	<u>NO</u>		

Tenderer's Data Sheet

(Tenderer's Name)

l IN	STRUMENT	<u>Manufacturer</u> <u>Model No</u>
(1)	Recorder	
	Electric signal (V, m	mA)
(2)	Indicator	
	Dial type	
s. '	Vertical type	
(3)	Transmitter	· · · · · · · · · · · · · · · · · · ·
	Pressure (draft)	<u> </u>
	Temperature	
	Flow	<u> </u>
	Level	
	Analysis (conductivity pH, et	te.)
(4)	Controller	
	Pressure	
	Temperature	
	Flow	
	Level	The state of the s
	Analysis (conductivity pH, et	te.) <u></u>
(5)	Switch	
	Pressure (Draft)	
	Temperature	
	Flow	
	Level	
	Limit switch	

	renderer's Data Sheet	(Tenderer's Name)					
		Manufacturer Model No.					
(6)	Local indicator						
	Pressure gauge						
	Thermometer						
	Flow (positive displacement type)						
	Flow (other)	in the state of th					
	Leve1						
(7)	Sight glass	大大學 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)					
	Sight flow	<u> </u>					
	Level glass gauge						
(8)	Primary element						
-	Thermocouple						
	RTD	with County of the State of the					
	Thermo-well	Kudigerengield (Ed)					
	Flow orifice						
	Flow nozzle	See Francisco (See Francisco)					
	На						
	Conductivity						
(9)	Control valve						
(10)	Manometer	<u>(5) (6) (6)</u>					
(11)	Thermocouple extension wire	<u> Phana wa establish</u>					
(12)	Control tubing						

Tenderer & Data Sheet		(Tenderer's Name)		
18.2 POWER CONSUMPTION	•			
(1) Instrument air	(Nm ³ /min)	· · · · · · · · · · · · · · · · · · ·		
(2) Electric power				
AC	*	<u>v</u>	VA	
		· ·	W	
ne.		. 1/	1137	

SECTION VII

SCHEDULE OF CONTRACTOR'S REPRESENTATIVES, MANUFACTURER'S SPECIALISTS, ERECTION SPECIALISTS, TECHNICIANS, ERECTION WORKERS AND LABORS, AND TECHNICAL ADVISERS

FOR

POWER PLANT EQUIPMENT

(Tenderer's Name)

VII. SCHEDULE OF CONTRACTOR'S REPRESENTATIVES,
MANUFACTURER'S SPECIALISTS, ERECTION SPECIALISTS,
TECHNICIANS, ERECTION WORKERS AND LABORS,
AND TECHNICAL ADVISERS

Position	Number of	Month	Total Man-Month
the state of the s	Persons		, idit i i di di

- 1. CONTRACTOR'S REPRESENTATIVES
 - (1) Superintendent
 - (2) Deputy superintendent
 - (3) Administrator
 - (4) Mechanical engineer
 - (5) Electrical engineer
 - (6) Safety engineer
 - (7) Clerk
- 2. Manufacturer's specialists
- 2.1 Manufacturer's specialists for installation
 - (1) Steam generator
 - (2) Steam generator auxiliaries
 - (a) Soot blower
 - (b) Air preheater
 - (c) Forced draft fan
 - (d) Burner control
 - (e) Boiler control
 - (f) Compressor
 - (g) Control equipment

(Tenderer's Name)

Position

Number of Persons

Month

Total Man-Month

- Steam turbine (3)
- Steam turbine (4) auxiliaries
 - Condenser (a)
 - (b) Boiler feed pump
- Common auxiliaries (5)
 - Fire protection
 - Screen facilities (b)
 - (c) Chlorination equipment
 - (d) House boiler
 - Water treatment and waste water treatment
- (6) Generator and electrical equipment
 - (a) Generator
 - (b) **Excitation** system
 - Isolated phase bus (c) duct
 - Main, auxiliary and (d) starting transformer
 - M/C, P/C, C/C(e)
 - (f) Battery and charger
 - PABX and communi-(g) cation system

Tenderer'	s Da	ta Sl	heet

(Tenderer's Name)

Position	n Salahar	Number of Persons	Month	Total Man-Month	Remarks
•		I CI BUIIS			

- (h) Emergency diesel engine
- (i) Grid station equipment
- (7) Computer system

(Tenderer's Name)

Position

Number of Persons

Month

Total Man-Month

- 2.2 Manufacturer's specialists for operation (Start up engineer)
 - (1) Steam generator
 - (2) Steam generator auxiliaries
 - (3) Steam turbine
 - (4) Steam turbine auxiliaries
 - (5) Generator
 - (6) Electric equipment
 - (7) Chemist
 - (8) Main, aux. and starting transformer
 - (9) Computer system

	Tenderer's Data Sheet			
				(Tenderer's Name)
	Position Real Real Real Real Real Real Real Real	Number of Persons	Month	Total Remarks
2.3	Technical Advisers for operation and maintenance advise after taking over			
				en i trata e e e e e e e e e e e e e e e e e e
	(1) For steam generator and auxiliary equipment			n ergandelt ver Areak i 1745. Sierre
	(a) Education			nggalan day dayan Jayahatay 198
				and the state of t
	(b) Experience			the state of the s
	years			
	(2) For steam turbine and auxiliary equipment		:	er i kan di kasa 1970.
	(a) Education			
			. 42°	and the second section of the second
·	(b) Experience			
· . · · ·	years			
	(3) For control system		*	

(a)

Education

(b) Experience

____years

(Tenderer's Name)

na in hery en little settlet het s Dann, dan han held hette Bonn de lein etter se fik

Position

Number of Persons

Month

Total Man-Month

- 3. Erection specialists, technicians and labors
- 3.1 Erection specialists
 - (1) Steam generator
 - (2) Steam generator auxiliaries
 - (3) Steam turbine
 - (4) Steam turbine auxiliaries
 - (5) Common auxiliaries
 - (6) Generator and electrical equipment
 - (7) Computer system

(Tenderer's Name)

Position

Number of Persons

Month

Total Remarks

- 3.2 Erection technician
 - (1) Foreman
 - (2) Truck crane operator
 - (3) Overhead crane operator
 - (4) Welder
 - (5) Electrician
 - (6) Control and instrument
 - (7) Piping

(Tenderer's Name)

Position

Number of . Persons

Month

Total Remarks Man-Month

Erection workers and labors

(1) Expatriate

(2) Domestic

The Tenderer shall indicate the kind of job to be done by these hired in Pakistan.

SECTION VIII

ERECTION EQUIPMENT AND TOOL LIST

(Tenderer's Name)

VIII. ERECTION EQUIPMENT AND TOOL LIST

The Tenderer shall indicate the necessary erection equipment and tools to be considered using for erection work, test and trial operation.

Name

Q'ty

Specification

Tenderer	's	Data	Sheet
----------	----	------	-------

(Tenderer's Name)

Name

Q'ty

Specification

<u>l'enderer's</u>	Data	Sheet		

(Tenderer's Name)

Name

Q'ty

Specification

Remarks

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TENDERER'S DATA SHEET (UNIT 2)

SECTION I

POWER PLANT UNIT



TENDERER'S DATA SHEETS

		:		PAGE
i.	POWE	R PLAN	T UNIT	DU00-1
	1.	GUARA	NTEED PLANT PERFORMANCE	DU01-1
		1.1	AVERAGE NET PLANT HEAT RATE	DU01-1
		1.2	PLANT MAXIMUM LOAD	DU01-1
		1.3	MCR	DU01-1
		1.4	PLANT MINIMUM LOAD	DU01-2
		1.5	AUXILIARY LOAD	DU01-2
	2.	PLANT	STARTING TIME	DU02-1

		10110	ierer a bara slicer		
	I.	POWER PLA	NT UNIT		(Tenderer's Name)
				the state of the state of	Not with the modern property of
	1.	Guarantee	d Plant Performance	.	a participation of the second
		1.1 Aver	age net plant heat ra	te	and the second of the second o
		(1)	Guaranteed average n	et	
			plant heat rate (Weighted average of	(kcal/kWh)	or less
			plant heat rates)	1166	
		(2)	Net plant heat rate	(kcal/kWh)	er en kalender i der eine er e
•			at rated output	(MW)	ya Brasili wanitinya ja ka
			at 75% of rated outp	ut /MW) :	
<u> </u>					
9		100	at 50% of rated outp	ut (MW)	
•		1.2 Plan	t maximum load		
			Generator output	(kW)	
			Main steam pressure turbine throttle	at (kg/cm ² g)	
			Main steam temperatu	re	garan national and control of second
			at turbine throttle	(°C)	
			Reheat steam tempera		
			at reheat stop valve	(°C)	
		* * *	Condenser pressure	(mmHg abs.)	<u> Parkint a September 1</u>
. •			Make-up water	(%)	
			Power factor		
	-	1.3 Capa	bility (4/4 load)	*	
**			Generator output	(kW)	
e B			Generator output	(Kil)	
			Main steam pressure turbine throttle	at (kg/cm ² g)	
	• .		Main steam temperatu at turbine throttle	re (^o C)	
			Reheat steam tempera at reheat stop valve	ture (^O C)	

	Tenderer's Data Sheet	A GO TO A CAMP OF THE PARTY OF
		(Tenderer's Name)
	Condenser pressure (mmHg abs.)	
	Make-up water (%)	and the second of the second o
	Power factor	
1.4	Plant minimum load	
	Generator output (kW)	
	Main steam pressure at turbine throttle (kg/cm ² g)	
	Main steam temperature at turbine throttle (°C)	
	Reheat steam temperature at reheat stop valve (°C)	
	Condenser pressure (mmHg.abs)	
	Make-up water (%)	
	Power factor	
1.5	Auxiliary Load (House Load)	
	At rated output (kW)	
	At 75% of rated output (kW)	
·	At 50% of rated output (kW)	, paga a Managan

e programa de la composição de la compos

٠	Tenderer's Data Shee	<u>t</u>	· 0#:	(Tenderer's	Name)
2.	Plant Starting Time				
			Cold start	Start after 8 hour shutdown	Start directly after MFT
	From light-off - Steam add to turbine	mission (min)			
	Steam admission - Synchron to turbine	nizing (min)			
	Synchronizing - Full load	(min)			
	Total time	(min)			*

SECTION II

STEAM GENERATOR AND AUXILIARY EQUIPMENT

SECTION-II: STEAM GENERATOR AND AUXILIARY EQUIPMENT

			PAGE
II.	STEA	M GENERATOR AND AUXILIARY EQUIPMENT	DB01-1
	1.	STEAM GENERATOR	DB01-1
	2.	STEAM CONVERTOR SYSTEM	DB02-1
	3.	INSTRUMENT AIR SYSTEM	DB03-1
	4.	SERVICE AIR SYSTEM	DB04-1
	5.	CHEMICAL FEED SYSTEM	DB05-1
	6.	SAMPLING RACK SYSTEM	DB06-1
	7.	PIPING FOR STEAM GENERATOR AND AUXILIARY EQUIPMENT	DB07-1
	8.	INSULATION FOR STEAM GENERATOR AND AUXILIARY EQUIPMENT	DB08-1
	9.	PAINTING FOR STEAM GENERATOR AND AUXILIARY EQUIPMENT	DB09-1
	10.	INSTRUMENTATION	DB101-1
		10.1 BOILER CONTROL SYSTEM	DB101-1
		10.2 BURNER CONTROL SYSTEM	DB102-1
		10.3 SPECIAL INSTRUMENTS	DB103-1
		10.4 MISCELLANEOUS INSTRUMENTS AND CONTROL APPARATUS	DB104-1
		10.5 POWER CONSUMPTION	DB105-1

•	<u>Tenderer's Data Sheet</u>	
		(Tenderer's Name)
II.	STEAM GENERATOR AND AUXILIARY E	QUIPMENT
	Note: The Contractor shall gua	rantee the values with * marks.
1.	STEAM GENERATOR	The state of the s
	(1) Type	e de la companya de
•	(2) Manufacturer	
	(3) Number	<u> </u>
*	(4) Steam generating capacity	
-	at plant maximum load (kg/h) <u>* 2.22.50.00000</u>
	(5) Design pressure (kg/cm ² g)
	(6) Design temperature (o _C)
	Superheater outlet	
	Reheater outlet	
	(7) Furnace release rate at pla maximum load	nt
	Note: Use the definition o	f American Boiler Manufacturer's
	Association for the	furnace release rate.
	Heat available in the furnace (kcal/h)
	Heat absorbing surface (m ²)
	Furnace release rate (k	cal/h/m ²)
	(8) Total weight (t)	approx.
	Steam generator complete steel structure (except t)
	Drum (t)
	Boiler supporting steel	(

	Tenderer's Data Sheet		\$ 1.44	하시다 가장이	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	45.74.5		
			((Tender	er's	Name)		
(9)	Holding water capacity	gentefiles	Island		e i dif e e	ha i	eg nya	::: [*]
	Normal operation	.: (m ³) - : - : - : - : :					17.7	
	Hydrostatic test	(m ³)				g had		
(10)	Maximum size for shipping	(max. m)			·		· ,	- : : :
	Name of part			· · · · · · · · · · · · · · · · · · ·	e gjes	1011	· 	
(11)	Maximum weight for shippi	ng ns) approx.						
	Name of part	7 · · · /	Table				7 - p.5	

er og komplyttirkeligtet

and the last con-

Section 1997 Care Section 1997 Care

 $(1-\alpha)^{-1} = (1-\alpha)^{-1} = (1-\alpha)^{-1} + (1-\alpha)^{-1} = (1-$

internal production of the control o

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Tenderer's Data Sheet

(Tenderer's Name)

(13) Performance data of steam generator

Load		พิเกเตยก			£ £	Capability	Maximum
Items	T III CII CII CII CII CII CII CII CII CI	() MW	WW()) MW	W.W. ()	MM()	() NW
Steam generation	(kg/h)	And the second s		H + 1,2 - 14.			
Drum pressure	(kg/cm ² g)				And the second second		
SH outlet pressure	(kg/cm ² g) [to the second se	
RH outlet pressure	(kg/cm ² g)						
Econ. Inlet pressure	(kg/cm ² g)						
SH outlet temperature	(₀ C)						
RH outlet temperature	(3 ₀)				*		
Steam generator efficiency	 %						
Feedwater temperature at Econ. inlet	(3 ₀)						
Fuel oil consumption	(kg/h)						
High calorific value	(kcal/kg)						
Furnace liberation rate	(kcal/h/m^3)		***************************************				
Furnace release rate	(kcal/h/m^2)			2.			
Air flow at AH inlet	(kg/h)	a f					
Air flow at AH outlet	(kg/h)						
Gas flow at AH injet	(kg/h)						
Gas flow at AH outlet	(kg/h)						
Excess air	~ *						
CO ₂ leaving steam generator	· · · ·						

(Tenderer's Name)

L									ſ
	Load		Minimum	į	į	i Ç	Capability	Maximum	-
	Items	olmension i	Load) MW (30%) MW	MM(%C)	() MW	() MTK	Load)MH	
	Feedwater flow	(kg/h)							Γ
	SH spray water flow	(kg/h)							-
	RH spray water flow	(kg/h)							
	Gas temp, at furnace outlet	(00)							
	Gas temp. at RH inlet	(0 ₀)							
	Gas temp, at RH outlet	(₀ ₀)							~ ~ .
	Gas temp, at Econ, inlet	(°C)			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	Gas temp, at Econ. outlet	(0 ₀)							
	Gas temp, at AH outlet	(o _o)							-
'	Air temp, at FDF outlet	(o _o)							
	Air temp. at SCAH outlet	(S _o)		:		100			
	Air temp, at AH outlet	(၁ _၀)			2				
	Number of burners in use			a post of	-				
	Draft at FDF outlet	(mm H ² 0)							
	Draft at wind box	(mm H ² 0)							
	Draft at furnace	(mm H ² 0)							
	Draft at Econ. outlet	(mm H ² 0)							
	Draft at AH outlet	(nm H ² 0)							···
	Draft at stack injet								
	Solids in steam at SH outlet	(mdd)							-
	The second of th								ገ

Note: Steam generation shall be met completely with the throttle steam flow of steam turbine.

			•
		•	
Ten	derer's Data Sheet	<u>a de la companya di di di la companya di </u>	
		(Tenderer's Na	me)
(14) Gua	ranteed performance data	How we have	
(a)	Steam generator efficiency at ECR	Elling response	
	Heat losses of steam generator at ECR (%)		
	Total	en er filt i vita e gist et filt. Geografie	. *
	(1) 建二个人,扩展的 (1)		
	Heat loss due to heat in dry flue gas	1, 44	
	Heat loss due to moisture in the fuel	e la filosofia de la filosofia	
	Heat loss due to moisture	Assistant Assistant	
	from burning hydrogen		· · · · · · · · · · · · · · · · · · ·
	Heat loss due to moisture in the combustion air		
	Heat loss due to heat in atomizing steam	a grijo santičnos	
	Heat loss due to the formation of carbon monoxide		
e e tableto	Heat loss due to radiation		
and compared	and convection		
i shekajir	Heat loss due to un-counting losses		· .
(b)	Steam generating capacity	a diskulturesta tradition (f. 1871). Attention (f. 1871).	
	Plant maximum load (Kg/h)	ing dia namatan kalendari dia namatan kalen	
	MCR (Kg/h)	*	
(c)	Steam pressure at H.P. turbine	inlet ,	
	Maximum load	* kg/cm ² g [±]	_ kg/cm ² g
	Capability	*_ kg/cm ² g *	_ kg/cm ² g
	ECR	*kg/cm ² g [±]	_kg/cm ² g
	75% load	* kg/cm ² g ±	* - * * * * * * * * * * * * * * * * * *

•

Tend	erer's Data Sheet		(Tenderer's N	ama l
,				
	50% load		*kg/cm ² g [±]	
	Minimum load	400	* kg/cm ² g [±]	_kg/cm ² g
(d)	Steam temperature turbine inlet	at H.P.		
	Maximum load	N. e. J.	* 538°C ±°C	
	MCR		* 538°C ±°C	
	ECR		* 538°C ±°C	
	75% load		* 538°C ±°C	•
-	50% load		* 538°C ± °C	
	Minimum load		ėoc	
(e)	Steam pressure at inlet	I.P. turbine		
	Maximum load		kg/cm ² g ±	_ kg/cm ² g
	MCR		kg/cm ² g [±]	_ kg/cm ² g
	ECR		kg/cm ² g [±]	_ kg/cm ² g
	75% load		kg/cm ² g [±]	_kg/cm ² g
	50% load		kg/cm ² g +	_ kg/cm ² g
	Minimum load		kg/cm ² g ±	_ kg/cm ² g
(f)	Steam temperature turbine inlet	at I.P.		
	Maximum load		*oc +oc	
	MCR		*oC +oC	
	ECR	at the	* * · · · · · · · · · · · · · · · · · ·	73. I
	75% load		*O_C (±:,::: O_C;	
	50% load		*oC ÷oC	
	Minimum load		o _C =o _C	
			i i	and the second second

Tenderer's Data Sheet						
			(Tend	erer's	Name)	
(15) Furnace and boiler				<u>.</u>	A NOTE OF	
Furnace surface	(m^2)			1 1 149		
Furnace volume	(m ³) -	₩Î.	-		<u> </u>	·
Tube			Furnace	19	Boiler	
Diameter	(mm)			: <u>-</u>		
Thickness	(mm)		47	·		
Material		٠.	<u> 1838) ya sa sa </u> 1	· · ·	<u> </u>	
Header			Furnace		Boiler	
Diameter	(mm)					
Thickness	(mm)		· · · · · · · · · · · · · · · · · · ·	_		
Material		* *		: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Number						
Manhole number and size	(mm)	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			х	
(16) Data for steam generator a high pressure feedwater he bypass operation						
Generator output	(MW)			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
Steam generation	(T/h)		·	·		
Main steam temperature turbine inlet	at (⁰ C)	: 17				
Reheat steam temperatur turbine inlet	e at (°C)		·	#147 at	· .	
Boiler metal temperatur the most highest parts name (area)		5				
Feedwater temperature a economizer inlet	t the (°C)					·
Spray water flow	(T/h)		248 (32) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	i i i i i i i i i i i i i i i i i i i		
		.*	(SH)		(RH)	

 $\binom{2}{2}$

	Tenderer's Data Sheet			(Tenderer's	Namo)
·			•	(Tenderer 2	Mediae)
(17)	Drum (steam drum)				•
	Internal diameter	(mm)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Thickness	(mm)			11.
	Length	(mm)			
	Material		n .		
	Manhole size	(mm)		<u> </u>	
	Number of thermocouple for metal temperature	S			
(18)	Economizer				.**
	Type (include supporti	ng met	hod)		
÷	Heating surface	(m^2)		\$ \$t	•
	Tube				
	Distance between tube	be and (mm)			
	Diameter	(mm)		OD	
	Thickness	(mm)			1
	Material				
	Header				
	Number				
	Diameter	(mm)		<u>OD</u>	1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /
	Thickness	(mm)			4.3
	Length	(mm)			
	Material		· · · · · · · · · · · · · · · · · · ·		
	Manhole number and size	(mm)			X :
	Bypass line of econo	omizer		<u>Yes</u>	No .

Tenderer's Data Sheet		<u> Tanana Tananing sa</u>
The state of the s	(1)	Cenderer's Name)
19) Superheater and attemperator		en e
Type of superheater	<u></u>	
Heating surface (m ²)	Primary	Secondary Final
Radiant		
Radiant & convection		. 44 <u></u>
Convection		
Tube	Primary	Secondary Final
Distance between tube		en e
and tube (mm)		
Diameter (mm OD)		
Thickness (mm)		
Material		1 <u>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </u>
Header		
Number		1919au 1
Diameter (mm)		100
Thickness (mm)		
	· · · · · · · · · · · · · · · · · · ·	
Material	·	<u> </u>
Size of outlet connection nozzles (mm in nominal)		
Spacer material		i Par <u>ing a timong a</u> t a <u>ti</u>
Number of thermocouples for metal temperature		
Steam temperature control range	1,60 mag 1,80 1	produce and secretary management of the secretary manageme
Attemperator		
Туре		
Number		

	Tenderer's Data Sheet				(Tenderer's	Nama l
(20)	Reheater and attemperator			ing section of the se	(Tenderer 5	
,,	Type of reheater			tea _r .		
-		(m ²)		Primary	Secondary	Final
	Radiant				. <u>19¹ 1</u> .	
	Radiant and convecti	lon				
	Convection				uma kuta ta tau.	. · ·
	Tube					Negra (
	Distance between tube	e (mm)				
	Diameter	(mm OD)				
	Thickness	(mm)				
	Material				11111	
	Header			•	\$*.	
	Number				mineral.	
	Diameter	(mm)			<u></u> .	
	Thickness	(mm)	٠		<u> </u>	
	Material					· · · · · · · · · · · · · · · · · · ·
	Size of outlet connectinozzle (mm in nomina				entro Aggrada <u>La Ca</u> lenta	
	Spacer material				<u> </u>	
	Number of thermocouples metal temperature	for		et per		tivitavi. P <u>rovins</u>
	Steam temperature contr range	ol		1 (a) 1 (b)		
	Attemperator					
	Type				1831	
	Number					
	Material					- 1

	Tenderer's Date Sheet		(m - 1 - 1 - 1 - 1	
		,	(Tenderer's N	ame)
21)	Casing		Inner	Outer
	Material			<u></u>
	Thickness	(mm)	<u> </u>	7 - <u>1</u>
	Total number of inspec hole (peep hole) for s generator		en e	i.
22)	Total number of valve	i. Lie	Description of the Section	
	Safety valve number an	d type		100 g
	Drum		is they are	:
	Superheater includi	ng PCV		
	Reheater		<u></u>	
(3)	Gas air preheater			
	Type			1.5
	Manufacturer			· · · · · · · · · · · · · · · · · · ·
	Number	:	The springer was	<u> </u>
	Total heating surface of gas side per set	(\mathfrak{m}^2)		
	Speed	(rpm)		
	Material and thickness	(mm)		· · · · · · · · · · · · · · · · · · ·
	Hot end		· <u> </u>	min
	Intermediate		,	9000
	Cold end		<u> </u>	ain
	Housing			mm

	Tenderer's Data Sheet	•	
			(Tenderer's Name)
(24)	Steam coil air preheate	er	e e e e e e e e e e e e e e e e e e e
	Type		
	Manufacturer		
	Number		
	Heating surface (eac	ch coil) (m ²)	
	Number of heating so	ection	
	Tube		general de la companya del companya del companya de la companya de
	Material		
	Diameter (mm OD)		
	Thickness (mm)		
(25)	Oil burners and ignite	rs	
	(a) Burner		i a
	Туре		
	Manufacturer		
	Number		
	Capacity	(kg/h each) (Nm³/h each)	
	Heavy fuel oil		
	Warm-up gas		
	Pressure	(kg/cm ² g)	and the second of
	Heavy fuel oil		
	Warm-up gas		
	Atomizing steam		
	Pressure	(kg/cm ² g)	
	Capacity	(kg/h each)	
	- *	• =-	

	Tend	erer's Data Sheet	
		A STATE OF THE STA	(Tenderer's Name)
		Available viscosity of heavy fue oil at burner inlet	
		Turn down ratio, each burner	
		Minimum number of burner in service at MCR	
	(b)	Igniter	
		Type	ing tautost or or kind of Clautosia. Transport
		Manufacturer	for a signal of second
		Number	
		Capacity (Nm ³ /h each)	
**, *		Gas pressure (kg/cm ² g)	
	(c)	Flame detector	
		Туре	
		Manufacturer	
		Number	
	(d)	Burner valve	
		Туре	
		Manufacturer	
		Number	
(26)	Soot	blower	and the second s
	Т	уре	
	Ma	anufacturer	Bulliado de Laboración de Participado de Laboración de Laboración de Laboración de Laboración de Laboración de Laboración de Laboración d
1 1	Nı	umber	i de la companya da
		Superheater	
		Reheater	
	e i i i Sprins		
	ni Tiskan	Economizer	
		Air preheater	
		기가 하나 되어는 낡은 형이 되다.	
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1.			

<u>Tenderer's Data Sheet</u>		(Tenderer's Name)	
Other			
Steam requirement for retractable soot blower	Salahan Salahan		
Steam flow	(kg/h) /		
Steam pressure	(kg/cm ² g)		44
Steam temperature	(°C)		
Control method			
(27) Blow down tank			
Туре			f
Number	en e		
Tank capacity	(m ³)		
Design pressure	(kg/cm ² g)		
Design temperature	(°C)		
	(0)	and the state of t	•
(a) Air duct		e subject to the subject to	
Naterial	, ,		
Thickness	(mm)	10.10 (4.14)	
(b) Flue gas duct			
Material			N. S.
Thickness	(mm)		
Measures against corrosion		the state of the s	
(c) Soot hopper		美籍 克	
Material		<u> </u>	
Thickness	(mm)		
(29) Forced draft fan		FDF 1DF	
Type and Model No.			
			\$.
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			^

Manufacturer		
Number		
Operating speed	(rpm)	
Capacity per set	(m³/min)	
Static pressure	(mmH ₂ 0)	
Air temperature	(°C)	
Shaft horse power	(k₩)	
Efficiency	(%)	
Motor		The Tenderer shall indicate the motor specification in accordance with sub-clause 10 V of Tenderer's Data Sheet.
Noise at 1m distance;	dB(A)	
Weight		sprojego izvieć
Rotor	(t/each)	
Motor	(t/each)	r <u>om trago</u> sia <u>modica.</u>
Complete	(t/each)	Toolers on Hand
Gas recirculation fan or g	as injecti	on fan
Type and Model No.	a transfer of the	
Manufacturer		
Number		in the production of the second of the secon
Operating speed	(rpm)	
Capacity	(m ³ /min)	
Static pressure	(mmH ₂ 0)	
Gas temperature	(°C)	
Shaft horse power	(kW)	
Efficiency	(%)	
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Motor The Tenderer's Name) The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Flectric Motor" in Clause V of Tenderer's Data Sheet. Noise (dB) Weight Rotor (kg/set) Complete (kg/set) Complete (kg/set) Type Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall Indicate the motor specification in accordance with sub-clause 10 of "Flectric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	<u> Tenderer's Data Sheet</u>		
the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Noise (dB) Weight Rotor (kg/set) Complete (kg/set) Complete (kg/set) Type Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from			(Tenderer's Name)
of "Electric Motor" in Clause V of Tenderer's Data Sheet. Noise (dB) Weight Rotor (kg/set) Complete (kg/set) Complete (kg/set) Type Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Motor		the motor specification in
Weight Rotor (kg/set) Motor (kg/set) Complete (kg/set) (31) Boiler water circulating pump (If necessary) Type Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from			of "Electric Motor" in Clause
Rotor (kg/set) Motor (kg/set) Complete (kg/set) Type Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Noise	(dB)	
Motor (kg/set) Complete (kg/set) (31) Boiler water circulating pump (If necessary) Type Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Weight		
Motor (kg/set) Complete (kg/set) (31) Boiler water circulating pump (If necessary) Type Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Rotor	(kg/set)	
Complete (kg/set) (31) Boiler water circulating pump (If necessary) Type Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from		4,4.3	
Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	acceptant dangers of the		
Manufacturer Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	(31) Boiler water circulating	pump (If ne	cessary)
Number Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Туре	100	
Operating speed (rpm) Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Manufacturer		
Capacity per set (m³/min) Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Number		
Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Operating speed	(rpm)	
Total head (m) Boiler water pressure (kg/cm²g) Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Capacity per set	(m ³ /min)	1
Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Total head	(m)	n <u>n e na moministra a la la dese</u>
Boiler water temperature (°C) Shaft horse power (kW) Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Boiler water pressure	(kg/cm ² g)	
Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from		(°C)	
Motor The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Shaft horse power	(kW)	
of "Electric Motor" in Clause V of Tenderer's Data Sheet. Type of shaft seal Material of seal Seal water from	Motor		The Tenderer shall indicate the motor specification in
Material of seal Seal water from	e de la companya de		of "Electric Motor" in Clause
Material of seal Seal water from	Type of shaft seal		
Seal water from	Material of seal	i ei	ng mengalah kecamban dipadikan bermera Panggaran dipadah bermerangan bermerangan bermerangan bermerangan bermerangan bermerangan bermerangan bermera
		f	
((ALG) 141	Material		
Casing			

19T	nderer's Data Sheet	
		(Tenderer's Name)
	Impeller	
	Shaft	
(32) Hea 1 gr	avy fuel oil, warm-up oil and aition oil facilities	nder state of the second
(a)	Heavy fuel oil service tank	
The second section of the sect	Type	
	n gaella managada da Number	
	Capacity (k1)	
	Diameter (nm)	
	Height (nm)	
	Thickness	
	Bottom plate (mm)	
	Shell plate (mm)	
en e	Roof plate (mm)	**************************************
	Material	enter de la companya
	Number of courses	
	Painting material	ewit in the high metals and the second
	Weight complete (kg) appr	0X.
and the second of the second o	Material and size of	
	heating coils (mm)	
	Heating area per unit volume of the tank (m ² /m	3)
(b)	Heavy fuel oil pump	
	Туре	
	Manufacturer	
	Number	

Tend	Tenderer's Data Sheet			
			(Tenderer's Name)	
	Discharge pressure	(kg/cm ² g)		
	Viscosity range	(cst)		
	Shaft horse power	(kW)	<u>Angeles de la factorista de la factoris</u>	
	Motor		The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet.	
	Speed	(rpm)		
	Type of shaft seal			
(c)	Heavy fuel oil heater			
	Туре		and the state of t	
	Manufacturer			
	Number			
	Heating surface	(m ²)		
	Oil flow	(kg/h)		
	0il pressure	(kg/cm ² g)		
	Steam flow	(kg/h)		
		(kg/cm ² g)		
	Steam pressure			
	Inlet oil temperature Outlet oil temperature			
	Temperature of condens			
	Material			
	Tube	÷		
	Shell			
	Diameter x Thickness			
	Tube	(mm)	<u> </u>	
	Shell	(mm)	n in de la companya d	

Tenderer's Data Sneet		(Tenderer's Name)
Fluid in tubes		
Heat transfer coefficient (K	cal/m ² h ^o C)	
(d) Heavy fuel oil flow m	eter with	Strainer
operation the local control of		
Manufacturer		<u> </u>
Number		
Available flow range	(K1/h)	
Accuracy	(%)	
Screen material and m	100	
· 我们就不够了一个一个一种的人的人的一个	esn	
) Seal air booster fan		et (j. a. teta
Туре	i La fi	
Manufacturer		
Number		
Capaciy	(m ³ /min)	
Static pressure	(mmH ₂ 0)	
Design temperature	(°C)	
Shaft horse power	(k₩)	
Motor		The Tenderer shall indicate the motor specification in accordance with sub-clause of "Electric Motor" in Clau V of Tenderer's Data Sheet.
) Flame detector and televis	ion camera	cooling air fan
Туре		
Manufacturer		
Number		
Capacity	(m ³ /min)	
Static pressure	(mmH ₂ 0)	
- DB01	-19 -	

Tenderer's Data	Sheet			respective of V
		,	(Tendere	r's Name)
Design tempe	rature	(°C)		·
Shaft horse	power	(kW)		
Motor			The Tenderer sh the motor speci accordance with of "Electric Mo V of Tenderer's	fication in sub-clause 10 tor" in Clause
(35) Steam generator Type	supporting	steel str	ucture	
Manufacturer	·			
Total weight	(kg)	approx.		
Size of stee	1 structure	**	Boiler area	AH area
Height		(m)		
Width		(m)		
Depth		(m)		
•				

		and the State August		(Tenderer's Name)
	2. STEAM C	CONVERTER SYSTEM	4	The state of the second st
	(1) St	eam converter with dead	erator	e Africa Settina (1966) Baransan (1966)
		Туре		
		Manufacturer		
		Number		
	en e	Heating surface	$(\mathfrak{m}^2)^n$	<u> 18 de la compaño estado</u>
	and the second second	Heating steam flow	(kg/h)	
	a star e recei	Maximum heating pressure	(kg/cm ² g)	gen and Space about the constant of the consta
		Maximum heating temperature	(°C)	
		Heating steam drain outemp.	utlet (°C)	
·		Secondary steam flow	(kg/h)	*
		Secondary steam pressure	(kg/cm2g)	
		Feed water inlet temperature	(°C)	
		Weight complete (in	dry) appro	
		Weight complete (in	service) a	approx.
	(2) St	eam converter drain co	oler	
		Туре		
		Manufacturer		
		Number of set		
		Heating surface	(m ²)	
	5.157 3 .44	Heating drain flow	(kg/h)	
	では、日本日本教育 日本日本 日本日本教育教育の第二	Heating drain inlet temp.	(°C)	

Tenderer's Data Sheet

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Tenderer's Data Sheet		(Tenderer's Name)
Heating drain outlet temp.	(°C)	
Heating drain outlet pressure	(kg/cm ² g)	
Feed water flow	(m ³ /h)	
Feed water inlet tem	p. (°C)	
Feed water outlet te	mp. (^O C)	
Fluid in tubes		and the second of the second of
Weight complete (in approx.	dry)	
Weight complete (in approx.	service)	
Steam converter condens	ate drain t	ank
Туре	•	
Number of set		
Size - Wide(m) x Len Height(m)	gth(m) x	x x
Capacity in normal operation	(m ³)	
Steam converter feed wa	ter pump	
Туре		
Manufacturer		
Number of set		
Capacity	(m ³ /h)	
Suction head	(m)	
Discharge head	(kg/cm ² g)	
Motor		The Tenderer shall indicate the motor specification in accordance with sub-clause of "Electric Motor" in Clause V of Tenderer's Data Sheet.

	Tenderer S Data Sheet		
•		Martine to a substantial of the	(Tenderer's Name)
			$g_{AB} = -\frac{1}{2} \Lambda^{AB} \frac{1}{2} \left(\frac{1}{2} \partial \theta_{AB} \right)^{AB} \frac{1}{2} $
	Feed water maximum temp.	(°C)	<u> </u>
	Material		
	Casing	·	
	Impeller	-	
	Shaft	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	e dina tribili.
	Type of gland seal	, s	
	Material of gland	seal	
	(5) Pressure control valve a	nd level control	valvė
	and the second of the second o	Heating steam P.C. valve	Steam drain Feed water L.C. valve
•	Type	· · · · · · · · · · · · · · · · · · ·	<u> </u>
	Manufacturer		t <u>otan e sastalo</u> n <u>og storre</u>
	Number of set	· .	
	Maximum flow (m ³ /h)		
·	Minimum controlable flow (m³/h)		
	Material		
· · · · · · · · · · · · · · · · · · ·	Body		
•	Disc		
	Seat		
	Stem		Marker et
	(6) Control panel		e programa de la companya de la comp La companya de la co
	Type		
	Height x Width x Dept	h (m)	

	Tenderer's Data Sheet		ter perfect and a second control of
			(Tenderer's Name)
3.	INSTRUMENT AIR SYSTEM	•	
	(1) Air compressor		
	Туре	•	
	Manufacturer		
	Number		
	Cylinder number x cylindiameter	nder (mm)	X
	Stroke	(mm)	
	Speed	(rpm)	
	Capacity (m ³ /min at fre	ee air)	
	Suction pressure	(mm bar)	
	Discharge pressure	(kg/cm ² g)	
	Shaft horse power	(kW)	
	Motor		The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet.
	Material		
	Frame and cylinder		
	Cross head		
	Piston		
	Piston ring		
	Connecting rod		
	Crank shaft		Value Artifaction (1997)
	Valve seat		
	Valve plate		
	Valve spring		

		·
Tenderer's Data Sheet	•	
The second second second second		(Tenderer's Name)
Weight approximate	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44. 於相
Compressor (kg/each)	
Motor (kg/each)	
Complete set (kg/each)	
(2) After cooler		ing the state of t
Туре		
Number		
Capacity (m ³ /min at fro	ee air)	
Material		The second
Tube		
Shell		
Diameter		ag et earli
Tube	(mm [©] OD)	
Shell	(mm: OD)	
Thickness	The State	
Tube	(mm)	<u>a garage not away aday t</u>
Shell	(mm)	
Length	(mm)	
Outlet air temp.	(°C)	
Outlet cooling water		yearyedd o'i gael y dae'i dae'i Gaelaeth
temp.	(°C)	The Armentana Argania da Armania (Armana)
Weight complete (kg/ea	ch) approx.	·
(3) Air receiver		
Туре		
Number		
Capacity	(m ³)	
Diameter	(mm)	

	Tenderer's Data Sheet		
	The state of the s		(Tenderer's Name)
	Height	(mm)	
	Design pressure	(kg/cm ² g)	
	Material		West
	Shell thickness	(mm)	
	Weight complete (kg)	approx.	
(4)	Air dryer		en e
	Туре		
	Manufacturer	**************************************	
	Number		<u> </u>
•	Capacity (m ³ /min at fr	ee air)	
٠	Air pressure	(kg/cm ² g)	
	Dimension		
	Height	(mm)	
	Width	(mm)	en e
	Depth	(mm)	
	Number of gas compresso	r	
	Dew point of discharge	(oc)	1.60
	Discharge air temp.	(°C)	A STANCE
		h) approx.	
(5)	Pressure regulator and air filter set	η, αρρίσκι	
	Туре		n ja valdina korpe, til og som je Korpe i se
	Manufacturer		
	Air filter		
	Туре		than distribution of the
	Manufacturer	4 1 2	
	limital acoust or		

Tenderer's Dat	t <u>a Sheet</u>	(Tenderer's Name)
(6) Control panel		
Type		<u> </u>
Height	(mia)	
Width	(mm)	
Depth	(mm)	
Weight comp	olete (kg) approx.	
(7) Divided packag	ge number for shipping	
	· · · · · · · · · · · · · · · · · · ·	the state of the s

	Tenderer's Data Sheet		(Tenderer's Name)
SERV	ICE AIR SYSTEM		
(1)	Air compressor	•	
	Туре	a e	
	Manufacturer		
	Number		
	Cylinder number x cyl diameter	inder (mm)	x
	Stroke	(mm)	
	Speed	(rpm)	
	Capacity (m ³ /min at	free air)	
	Suction pressure	(mm bar)	<u> </u>
	Discharge pressure	(kg/cm ² g)	
	Shaft horse power	(kW)	
	Motor		The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet.
	Complete weight	(kg/set)	
(2)	Inter cooler		
	Type		
	Number		· ·
	Capacity (m ³ /min at f	ree air)	
	Material		
	Tube		
	Shell		

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et	· 一种有效的 医克里克氏病 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎
	(Tenderer's Name)
ness	will a date to be
(mm)	X
(mm)	<u>x</u>
(OC)	
ater (⁰ C)	
in at free air)	
ness	
(mm)	<u> </u>
(mm)	<u> </u>
(°C)	
(m ³)	
(mm)	
(mm)	
(kg/cm ² g)	
(mm)	
	(mm)

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	Tenderer's Data Sheet	
		(Tenderer's Name)
(5)	Control panel	
	Type	
	Number	

	Te	nderer's Data Sheet		and the second	
				(Ter	nderer's Name)
5.	CHEMICA	L FEED SYSTEM			
	(1) Hy	drazine solution pump	·		
		Type			
		Manufacturer	e.		
		Number	£.,	1 41, 500	y 1 - 45 .
		Capacity (n	nax. 1/min)		
		Type of stroke adjustm	ient	:	
		Range of adjustment	(%)		to
		Discharge pressure (ma	ax. kg/cm ² g)		
		Connection size	2 1 1		
		Suction	(mm)		<u></u>
		Discharge	(mm)		
		Material			an with the
		Cylinder			·
	•	Ball check			1 11 11
		Ball seat			Anna A
		Plunger			
		Motor	19 (16) (16) (16)	the motor	er shall indicate specification in with sub-clause
		e de la company de la comp La company de la company d		10 of "Elec	etric Motor" in f Tenderer's Data
		Weight complete (kg/ea	nch) approx.		digital diagram as
	(2) Hy	drazine solution tank	· .		, kantywa ini ba
		Туре	Section Desirable Company	Diluted	Concentrated
		Manufacturer	Tanan da Bay	erig ver Sag	

. .

13.65

Tenderer's Data Sheet	•	(Tenderer's	Name)
	·	Diluted Co	ncentrated
Number	•		
Capacity	(1)		
Size			<i>i</i>
Inside diameter	(mm)		
Height	(mm) ×	<u></u>	
Thickness	(mm)	. <u> </u>	
Material	, -	<u> </u>	· · · .
Measuring tank	ter and the	y something and something	1 ex.
Capacity	(1)	e i Norman di Santa di Santa	ele.
Size (W x D x H)	(mn)		
Material			
Number		y fuje	
		Diluted Co	ncentrated
Hand pump			
Number		<u> </u>	
Capacity	(1/min)	<u> </u>	
Weight complete (kg/eac	ch) approx.	1.14	· · · · · · · · · · · · · · · · · · ·
(3) Phosphate solution pump			
Туре			
Manufacturer			
Number	in the second		
Capacity (ma	ix. 1/min)		
Capacity adjustment var	iable		
Type of adjustment prov	'ided		
Discharge pressure (max	. kg/cm ² g)		

Tenderer's Data Sheet		
	(Tenderer's Name)	
Motor		
	· The Company (1944年) - The Company (1944年)	
(mm)		
(mm)		
	The Tenderer shall indicate	
blapprov	the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data Sheet.	
approx.		
, 11		
(1)	A Special Control	
(mm)		
(mm)		
(mu)		
	(nm) (l) (mm) (mm)	

<u>Tenderer's Data Sheet</u>		
		(Tenderer's Name)
Dissolving screen mat	erial	
Agitator	•	page 1944 yang dan pandan ang ang ang ang ang ang ang ang ang a
Type		
Number		
Speed	(rpm)	
Material		garden 11
Motor		The Tenderer shall indicate the motor specification in accordance with sub-clause 10 of "Electric Motor" in Clause V of Tenderer's Data
		Sheet.
Weight complete (kg/eac	h) approx.	
) Ammonium solution tank		
Type Manufacturer Number	e A	
Capacity	(1)	
Size		
Inside diameter	(mm)	
Height	(mm)	• Contraction
Thickness	(mm)	
Material		4 4 1 3 4 4 1
) Ammonium dissolving equi	oment	
Dissolving method		
Conductivity meter	٠.,	
Manufacturer		10 178 x 177
manul acturel		

	Tenderer's Data Sheet	
		(Tenderer's Name)
	Number	er eute
	er de de la compaña de la c La compaña de la compaña d	
	The first of the second se	
·	on the second of	
	Pressure reducing valve	
	Type	ere en
	Reducing range	
		1. 9
	Number	
	Piping material	
\odot	(7) Ammonium solution pump	
	Туре	State of the state
	Manufacturer	
	Number	
	Capacity (max. 1/min)	
•		
	Capacity adjustment variable	
	Type of adjustment provided	
•	Discharge pressure	
	(max. kg/cm ² g)	
	Motor	The Tenderer shall indicate
$\bigcirc : \ ^{\circ} \cup$		the motor specification in accordance with sub-clause 10
	and the second of the second o	of "Electric Motor" in Clause
		V of Tenderer's Data Sheet.
	Connection size	
	Suction (mm)	
	Discharge (mm)	g lem de describe Nate November Herioteko eta
	Material	
	Cylinder	

	Tenderer's Data Snee	Ţ.			
		.	(Tenderer's Name)		
	Motor	•	The Tenderer shall indicate the motor specification in		
			accordance with sub-clause 10 of "Electric Motor" in		
			Clause V of Tenderer's Data Sheet.		
	Weight complete	(kg) approx.			
(8)	Control panel				
	Type				
	Height	(mm)			
	Width	(mm)			
	Depth	· (mm)			
	Weight	(kg) approx.			
(9)	Chemical feed pump s		r at CCR		
(0)		or one control	. 40 001		
	Type				
	Manufacturer				
	Range				
	Number	1.4			
	Control System bl	ock diagram			
(10)	Electric power sourc	e			
	k₩				
			·		
	Voltage				
	Phase	:			
(11)	Divided package numb for shipping	er			

Tenderer's Data Sheet	and the second of the second o
2011004 02 0 2000 2000 0 1 1 1 1 1 1 1 1 1 1 1	(Tenderer's Name)
6. SAMPLING RACK SYSTEM	
(1) Sampling rack	
Туре	
Manufacturer	
Number	
Analyzer	
На	
Туре	
Manufacturer	
Number	
Range	
Conductivity	
Туре	
Manufacturer	
Number	
Range	
Dissolved oxygen	Table 1
Туре	
Manufacturer	
Number	
Range	
Hydrazine	
Type	
Manufacturer	
Number	
Pango	

	Tend	lerer's Data Sheet					
		and the state of t		(Tenderer's Name)			
		Pressure reducing valve					
		Туре					
		Material					
		Size of sampling rack		en e			
		Length (mm	1)	5.5%, 9.7			
		Width (mm	1)				
		Height (mm	i)	337			
		Weight complete (kg) a	pprox.				
2)	Reco	order and indicator					
•				Recorder Indicator (Control room) (Local)			
	(a)	рН					
		Туре					
		Manufacturer					
		Number					
		Number of pen					
	-	Range					
	(b)	Conductivity					
		Type		% 1			
		Manufacturer		1 11 11 11 11			
		Number					
		Number of pen		Market Control			
		Range					
	-	ivange		Service Control of the Control of th			

			Tenderer's	Data Sheet			
		. *	rauga a li filitati r			(Tende)	rer's Name)
				The state of the s	essi di	Recorder (Control room	Indicator (
			(c) Oxygen	and hydrazine			torigen Barrosen om ett k
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · ·	Type				
			Manufa	cturer	errot errog		
			Number				
÷			Number	of pen			
			Range			wa ja	s energen i energe in tra
0			Uni-sampler Type	erado en estado en el caración de estado en en estado en estado en	entre en en en Les transformes en		
			Number				
	* .		Manufact	urer		· .	
			Weight	(kg	g) approx.		
	•	(4)	Electric po	wer source			
		:	kW				
٠.			Voltage			· · · · · · · · · · · · · · · · · · ·	<u> </u>
		1. H	Phase				
	• • •	(5)	Divided pac	kage number			
(·)	•		for shippin	g			
		(6)	Aut flow co	ntrol valve			
			Туре			<u> </u>	
			Number		erika di Kabupatèn Baratan Bar Baratan Baratan Barata	a <u>njetuh din k</u>	
			Manufact	urer	and the same and the same		<u> </u>
		. A e. Garage	Power so	uce	Ann or the		agrania (j. j. j. mje

	<u>Tenderer's Data Sheet</u>		(Tenderer's Name)				
7.	PIPI	NG FOR STEAM GENERATOR A	AND AUXILIARY				
	(1)	Auxiliary steam piping	•		Size (mm)		
		From secondary superhea - HP auxiliary steam co		eng status di engles en egis en		·	
		HP auxiliary steam cont - HP auxiliary steam he		Destruction			
		From cold reheat pipe tauxiliary steam header	ю НР	Victory and the second			
	(2)	Motor operating valves		444	До том		
			Soot blowing steam line	Burner atomizing steam line	H.P. aux. steam line		Manage of the second
		Type of valve					
		Manufacturer			edelat		
		Pressure rating	·		191744		
		Material			· 		
		Number of valve					
	(3)	Main steam piping					
		Material and size	(mm)	· .			
		Design pressure	(kg/cm ² g)				
		Design temperature	(°C)				C
		Schedule (thickness)	(mm)	<u> </u>	<u> 150 - 150 (150</u>)		
		Calculation thickness	(mm)				
	(4)	Reheater inlet steam pi	ping				
		Material and size	(mm)		10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (
		Design pressure	(kg/cm ² g)				
		Design temperature	(OC)			•	
		Schedule (thickness)	(mm)				

(mm)

Calculation thickness

Tend	erer's Data Sheet			(Tenderer	's Name)
(5).	Reheater outlet steam pip	ine		(1011010101	5 110210 /
(03):	Material and size	(mm)			
		(kg/cm ²)		:	
	Design pressure		g)		
	Design temperature	(OC).94	·		
	Schedule (thickness)	(mm)		<u></u>	
	Calculation thickness	(mm)	. ·	7,88	
(6)	Turbine by-pass piping	a sure .		englight magain.	Andreas (1971) The state of the
		•	Thickness (mm)	Materia	1 Size (mm)
	(a) Main steam to pressu control valve	ire			
	(b) Pressure control val to attemperator	ve			
	(c) Attemperator to rehe	at -			AND THE STATE OF T
(7)	Automatic control valves	on H.P. to	urbine by-	pass line	
-		÷	On-off	valve	Pressure con- trol valve
	all english and har the base of the base o		·	en de la companya de La companya de la co	
	Manufacturer		٠	get e	
	Number of set	•			
	Size	(mm)	<u></u>		· · · · · · · · · · · · · · · · · · ·
	Maximum flow	(kg/h)			
	Pressure control	(kg/cm ² g)		· ·····	
	Material				
	Body				
	Disc				<u></u>
	Seat			· .	

	Tenderer's Data Sheet	(Tenderer's Name)			
		On-off valve	Pressure con- trol valve		
	Stem				
	Noise (As a complete set) (dB (A))				
	Weight (kg) approx.		. <u>2010</u> (2010)		
(8)	Feedwater piping		in the first of		
	Material and size (mm)				
	Design pressure (kg/cm ² g)				
	Schedule (thickness) (mm)				
(9)	Chemical feed piping	Material	Size (mm)		
	Diluted water pipe				
	Chemical feed pipe				
	For drum				
•	For deaerator	<u> </u>	<u> </u>		
	For condensate pump outlet				
10)	Sampling piping	Material	Size (mm)		
	Sampling pipe				

Tenderer's_Dat	a Sheet
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(Tenderer's Name)

		Heat transfer	Maximum
		coefficient (kcal/mh ^o C)	allowable tempera- ture (°C)
		• .	0.1.0 (0,
	(1) Heat insulation material		
	Calcium silicate		
	Rock wool		·
	Hard cement	outura en en ignocia en la companya de la companya La companya de la companya de	
	Calcium silicate paste		
	Other materials ()		
		1. 1. 2	
	(2) Insulation material	The September 1994	
	Boiler drum		
	Header		
	Wall tube (Furnace)		·
	Wall tube (Convection)		
•	Ceiling		
	Bottom		·
	Air duct and wind box		· · · · · · · · · · · · · · · · · · ·
•	Flue gas duct and soot hoppers	**************************************	
		ing Perinter (1944) i a Perinter	n a trade na en lite
	Steam coil air preheater		
j.			
	Air preheater	Contract to the first	
	Burgan Baran B	N - 1 - 1	
- "	Residual oil heater		

Tenderer's Data Sheet	그 그 그 그 그는 그 그 그들이 그들이 그 그는 그는 그는 그는 그를 가득했다.
	(Tenderer's Name)
Blow down tank	
Piping	
Main steam	
Turbine by-pass	
Reheater inlet steam	
Reheater outlet steam	2 (A) (A) (A) (B) (B)
Feedwater	
Spray water	
Residual oil	
Auxiliary steam	
Drain vent and vent	
Wash water	
) Description of safety insulation	
) Lagging and jacketing	
Material	
Thickness (mm)	
) Total weight of the insulation materials (ton) approx.	

Tenderer'	S	Data	Sheet
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(Tenderer's Name)

9. PAINTING FOR STEAM GENERATOR AND AUXILIARY EQUIPMENT

		Kind of Primary painting	
(1)	Steam generator		
(2)	Drum	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
(3)	Header		
(4)	Tube		
(5)	Casing (inner)		
(6)	Casing (outer)		
(7)	Air duct		
(8)	Gas duct		
(9)	Forced draft fan		
(10)	Steam coil air preheater		
(11)	Air preheater		
(12)	Steel structure		
(13)	Heavy fuel oil and diesel oil service tank		
(14)	Heavy fuel oil pump		
(15)	Diesel oil pump	·	
(16)	Heavy fuel oil heater		<u> </u>
(17)	Blow down tank		
(18)	Steam converter		
(19)	Steam converter drain tank		
(20)	Steam converter drain cooler		
(21)	Steam converter feedwater tank		
(22)	Steam converter feed water		

	lenderer's Data Sheet	Sheet Sheet		3.14	
		(Tenderer's Name)			
		Kind of Primary painting		painting	
	GRF or GLF 1 to the state			·	
(24)	Boiler water circulating pump (if necessary)		<u> </u>	<u> </u>	
(25)	Insulated piping				
				37	
(26)	Uninsulated piping			e in the second	
				4	

e production of the second

	10. INS	TRUMENTATION	<u> Eller</u> (Aller) est	en de la companya de	
	10.1 BC	DILER CONTROL SYSTEM			
	(1)	Type			
	(2)	(From/to another system)	Analog	100	gital
	(3)	Manufacturer, Model No.			····
	(4)	Number	. <u> </u>	<u> </u>	<u>e " at</u> e"
	(5)	System cabinet	en Personal de la companya de la compa	e etanji fra	
		Dimension (mm) W x D x H	<u>x</u>	х	<u>(11.11)</u>
		Grounding wire			··
	· · · · · · · · · · · · · · · · · · ·	Anti-vibration rubber	Yes		No
	(6)	Transmitter & actuator type		<u> </u>	
	(7)	Control system block diagram with main interlock system by No.		The test	.)
	(8)	Power supply system block diagram by No.		·	
	(9)	Outline arrangement of unit master man-machine communication device by No.			
	(10)	Operating condition of digital control system	Тешр.	o _C -	<u>o</u> c_
			Humidity	% -	%
	(11)	Power source and consumption	DC	V	<u>₩</u> _
			AC	ν	VA W
			Air		Nm ³ /min
	(12)	Control ability			
		Automatic control range	Yes	 , 	No
Carting and Carting					

Tenderer's Data Sheet			
	·	(Tenderer'	s Name)
	Control accuracy		
	Pressure (less than $^{\frac{1}{2}}$ 2 kg/cm ²)	Yes	<u>No</u>
	Temperature (less than ±5°C)	<u>Yes</u>	No No
	Drum level (less than ±50 mm) or one-third of alarm range)	Yes	<u>No</u>
(13)	MTBF more than 10 ⁴ hours	<u>Yes</u>	<u>No</u>
(14)	Troubleshooting equipment	and the second of the second o	
i.	Console	Yes	No
	CRT	Yes	<u>No</u>
	Hard copy	Yes	No
	Printer	Yes	No
•	Manual stand by operating modules	Yes	<u>No</u>
	Online, off line maintenance	Yes	No

	Tenderer's Data Sheet		
	They are the first that the first	(Tenderer	's Name)
10.2 BU	RNER CONTROL SYSTEM	the following the	
(1)	Туре		
·.	Wired Ry on Degital		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
(2)	Signal range (From/to another system)		
(3)	Manufacturer, Model No.		
(4)	Number		A STATE OF THE STA
(5)	System cabinet		
	Dimension (mm) W x D x H	<u> 43-4-18-8</u>	x
	Grounding wire	· .	
	Unti-vibration rubbers	Yes	No
(6)	Function	·	
	Boiler safety interlock system	Yes	<u>No</u>
.*	Burner management system	Yes	<u>No</u>
	Remote/Local light off	Yes	<u>No</u>
·	Each burner control system	Yes	No
	Self diagnosis		
(7)	Applied standard, code, regulation	NFPA or	
(8)	MFT circuit power source		
(9)	Outline block diagram of each function by No.		
(10)	Outline composition of backup system for digital control system by No.		
(11)	Flame detector		
	Type, manufacturer		
	Ignition burner	-	
	Main oil burner		· · · · · · · · · · · · · · · · · · ·
	Main gas burner		
	- DB102-1		

	Tenderer's Data Sheet	。 1977年 - 大海山 - 大海野村	
	The state of the s	(Tenderer's Name)	•
(12)	Fuel trip valve type (oil)		
	Ditto (gas)		•
(13)	Outline arrangement of central control console by No.		
(14)	Power supply system block diagram by No.		·
(15)	Operating condition of digital control system	Temp. °C - °C	
		Humidity % - %	· .
(16)	Power source consumption	DC The North Control M	-
		AC V W	· · · · · · · · · · · · · · · · · · ·
-		Instrument air Nl/mir	<u>I</u> -
		Station air N1/min	<u>[</u>
(17)	MTBF more than 10 ⁴ hours	Yes No	
(18)	Troubleshooting equipment	and the second of the second o	
	Console	Yes No	
	CRT	Yes No	
	Hard copy	Yes No	
•	Printer	Yes No	
	Manual stand by operating modules	Yes No	
	Online-offline maintenance	Yes No	
		the state of the s	

	Tenderer's Data Sheet			
			(Tendere	r's Name)
0.3 SP	PECIAL INSTRUMENTS	· •		tij tilbrigge trake. Til
(1)	Heavy fuel oil flow meter (installed at FCV inlet)			
	Туре		Positive displa	cement
	Manufacturer, Model No.	7 J.11		
	Flow range	(K1/h)		A Company of the Comp
	Accuracy	(%)		
	Calibrated by (Institute, laboratory)			
	Manual printer (for used normal and perfetest)	ormance	Yes	No
	Aut-temp compensator		Yes	No
(2)	Heavy fuel oil tank level (installed at service tank			
	Type			
	Manufacturer, Model No.		ing <u>la padala</u>	
	Measuring range	(mm)		
	Minimum measuring unit	(mm)	:	
٠.	Accuracy	(%)		
	Calibrated by (Institute laboratory)			
	(for used normal and perfotest)	ormance		443
(3)	Natural gas flow meter			
	Type	j laget Laget		
	Manufacturer, Model No.			
	Flow range Nm ³ /h			
	Accuracy	(%)		
	Calibrated by (Institute, laboratory)			
	- DB10	3-1 -		