_	Supply, Installation & Commissioning of different Electric	Qty.	Unit	Quoted Rate (In Figure)	Quoted Rate (In Word)
	Detail	1.00	Each		
	LED TV (43") Samsung	20.00	Each		
ŀ	C dest light fivture Die Castilly aluminant anteres	20.00	Lacii	illierens, gera m	
l	43 with Pole (Jaquar- Romantica model 10 watt 5555)	ATTACK	Part I to		
	AMF Panel (Feeder Pillar) Make of switchgear - Schneider, legrand, ABB and Panle should be				
	Make of switchgear - Schneider, legitaria, respectively maufactured at CPRI approved panel builder multifunctional meter and	7,41,6			
	315 A FP mccb with 300 A TP contactor, multifunctional meter and 250 A FP mccb with 250 A TP contactor, multifunctional meter and				
	indicator (For d.g)	No. 1		The state of the s	in the second second
	ANAC Delay	1.00	Each	1.	
	Voltmeter and Ammeter with Selector Switch	1.00	Lacin		
	D.G Set	MARK			5
		u gu			
	Language of Radiator Cooled silent			mine be a "file" of a	
	Supplying, erection, testing and commissioning of Radiator Cooled silent	4.15			
	Supplying, erection, testing and commissioning of the sets of following capacity (rating in kVA) compact packaged silent DG sets of following capacity (rating in kVA) to reduce the noise		The state of	All Consultation	
			of min		
				A A S	and the second
	Listed anging with STD PANEL ELLOTTO		i i i i i i i i i i i i i i i i i i i	a Line Protection	
	SYNCHRONISING SYSTEM complete with all accessories	al		gilliana	A STATE OF STATE OF
			and being		
	gauge, Lub Oil Pressure gauge, Lubo oil temp Battery Charging Ammeter, indicating lamp, hour counter etc.	n		TO PURCHE	
	Battery Charging Ammeter, indicating tamp, mean residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer, common bed plate, anti vibration isolation residential type silencer.	d	The later of		
	residential type silencer, common bed plate, and plate, and plate, pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, first charge of engine oil, gear oil, high speed pads, grouting bolts, gro	ry			
	diesel oil, 24 volt chargeable battery set with the charger, PCC or equivalent controller complete as require including erecting, testing and commissioning of following type 41 including erecting, testing and commissioning of pleasel Engire	15			
	including erecting, testing and commissioning of testing and commissioning and com	ne			
	Volts, 3 phase, 50 Hz. AC alternator coupled to				
	complete with all accessories.				
	Make- Cummins, Volvo, Perkins				
	是一个人,我们就是一个人的人,我们就是一个人的人,我们就是一个人的人,我们就是一个人的人的人,他们就是一个人的人,他们就是一个人的人,他们就是一个人的人,他们就	四年 祖州	0	** *** *******************************	
	1000mm	1		The second secon	The state of the s
	250kva	1	Se	31	
	500 kva Supply,Installation, Testing & Commissioning OF DG				
	Supply, installation, results & solutions		John Help		
	SYNCHRONIZATION PANEL				
	SUBHEAD :-A (Main LT Cum DG Synchronization Panel) Outdoor Typ	트		g in the in-pasts in	
	(Make- Schneider/L&T/ABB/Legrand)	Yes a	des these	S. S. S. S. S. S.	
	(IVICINE SOUTH COMPANY OF THE PROPERTY OF THE	41-21 (PURE N. C. S. W. S. S.



		anatik.	anciae La sign	1	Quoted Rate	Quoted Rate
SN	Detail	Qty.	-	Jnit	(In Figure)	(In Word)
1 (A-D)	Design, Manufacturing, Supply of Outdoor cubicle type compartmentalized Main LT Cum DG Synchronization Panel, suitable for 415 V 50 Hz AC system, suitable for 50 KA short circuit rating, confirming to IP: 55 degree of protection, made of 14 SWG MS sheet frame work and 16 SWG MS sheet shutters, floor mounted, dust & vermin proof enclosure, having hinged cover on front and back having neoprene gasket stuck to the doors, duly painted with 65- 75 micron thick dry epoxy powder paint after 7 tank process of degreasing, derusting etc comprising of the following accessories complete with all interconnections with suitable size of Electrical Grade Aluminum strip/hard drawn PVC insulated copper cable etc. as per requirement. The panel shall be provided with two distinct terminals for earthing connection with Copper conductor. Panel shall be designed to Auto Start of 250KVA & 500KVA DG sets, Load sharing & Synchronization of two DGs during absence of Raw power from Transformer.			Set		
Α	INCOMERS:	Sharks Mulio				
	1 No. 1600 amps FP ACB Microprocessor based, EDO, 50KA with LSIG & Under voltage release having suitable terminals. (For Transformer). (Similar to Model No.: MVS16N4NW6L Or Equivalent)					
	1 No. Multifunction Meter & 1 No. Digital Voltmeter and Phase Indication lamps will be provided backed up with 4 Nos. 6A SP MCB 10KA and 3 Nos. CT-1600/5A, Cl-1.0, 10VA.				2.3	
	1 No. 630 amps TP ACB Microprocessor based, EDO, SOKA With Esterolated Processor BASED, SOKA WITH ESTEROLATED PROCESSOR BASED PROCESSOR BASE	r				
	1 No. Multifunction Meter & 1 No. Digital Voltmeter and Phase Indication lamps will be provided backed up with 4 Nos. 6A SP MCE 10KA and 3 Nos. CT-630/5A, CI-1.0, 10VA.	e),				
	1 No. 800 amps TP ACB Microprocessor based, EDO, 50KA with LSIGnelease having suitable terminals along with 1 No. 250A TP AC-3 dut Power Contactor. (For DG-2). (Similar to Model No.: MVS08N3NW6L CEquivalent)	y				
	1 No. Multifunction Meter & 1 No. Digital Voltmeter and Phas Indication lamps will be provided backed up with 4 Nos. 6A SP MCI 10KA and 3 Nos. CT-800/5A, CI-1.0, 10VA.	se B,				
	A SAFTERS.					
В	CONTROL & METERS: 1No. Synchronization Relay each for each DG sets (1) A Valence & Single		n Tiev			
og i i i i i i i i i i i i i i i i i i i	1No. Single Phase Preventer with Over Voltage/Under Voltage & Sing Phasing relay suitable for 220V AC Or 415V AC.	le			- 10	
	Suitable Auxiliary Contactors & Add On Blocks					
	3 Nos. 8 Pole Relay Cards of 24V along with 24VDC Battery Chargers Indication Lamps showing Busbar Live Indication, DG On/Off ndication DG Run/Fault, Battery Charger On etc. indications.	ns,				
	Start (Stan Push Buttons for Two DGs					
	1 No. Emergency Push Buttons & Auto Manual Selector Switches.	nd nd				
	1 No. 8 Way Window for Annunciation with Hooter. DC Volt Meter (0-30V DC) & DC Ammeters for Two DGs.			1		



SN	Detail	Qty.	Unit	Quoted Rate (In Figure)	Quoted Rate (In Word)
SIV	Necessary communicable cables with MCBs for controlling purpose.				
С	BUS BAR: 1 Set of 415V,1600A,3Ø,4W,50Hz,50KA FOR 1 SEC. busbars of high conductivity electrolytic quality aluminium alloy. Bus bar shall be supported by DMC/SMC bus bar supports fixed at a distance as per			7.	
D	OUTGOINGS: 5 Nos. 630 amps FP MCCB for each Chiller Panels considering 1 No. as Spare.MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 36KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.: LV563309 Or Equivalent)				
	1 No. 100 amps FP MCCB for Plant Lighting & other miscentateous load.MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 36KA having suitable spreaders & Extended Rotary and the Cimilar to Model No.: 17510347 Or Equivalent)			11 1.70°	
	Each outgoings should have 1 no. Digital VAF meters & suitable rated C of rating 100/5A & 630/5A of Class-1.0, 10VA.	ethy.	J. J. James	<u>Managoria</u>	46.4 (0.0)
6	SUPPLY OF LT PANELS FOR Heavy Machine				
	Supply installation testing and commissioning of following L.T Panel The Panel should be manufactured at any reputed CPRI Panel manufacturer and all drawings of panel should be get approved from E.I/Consultant (Make-Schneider/L&T/ABB/Legrand)	\$ 10A TALL			
1 (2.5)	IT PANEL FOR A.C CHILLER-1&2				
(A-E)	Design, Manufacturing, Supply of Indoor cubicle type compartmentalized LT Panel, suitable for 415 V 50 Hz AC system suitable for 25 KA short circuit rating, confirming to minimum IP: 4 degree of protection, made of 14 SWG MS sheet frame work and 5 SWG MS sheet shutters, floor mounted, dust & vermin proof enclosur having hinged cover on front and back having neoprene gasket stuck the doors, duly painted with 65- 75 micron thick dry epoxy powd paint after 7 tank process of degreasing, derusting etc comprising of the following accessories complete with all interconnections with suitable size of Electrical Grade Aluminum strip/hard drawn PVC insulated copper cable etc. as per requirement. The panel shall be provided we two distinct terminals for earthing connection with Copper conductor	n, 122 1.6 e, eto er ne sole ed	Set		



V	Detail	Qty.	Unit	Quoted Rate (In Figure)	Quoted Rate (In Word)
				/	10 VI
	INCOMER: 1 No. 630 amps Four Pole MCCB as Incomer. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 36 KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.:				
	LV563309 Or Equivalent)	hine let	A10) (16)		
		4/14/17	THE I	38.7	
С	CONTROL & METERS:	4			
	1 No. Analog type Voltmeter of (0-500V)				
	1 No. Analog type Ammeter of (0-630A) 1 No. Analog type Ammeter of (0-630A) Indication Lamps (Red, Yellow, Blue) for Phase indication protected with				
	4 Nos. 6A Single Pole, 10KA Control MCBs 3 Nos. Metering Class CT of rated 630/5A, CL-1.0, 10VA	1 1 1 1	1		
	3 Nos. Metering Class Cr Of Tutour - ,				
	BUS BAR: 1 Set of 415V,630A,3Ø,4W,50Hz,25KA FOR 1 SEC. busbars of high conductivity electrolytic quality aluminium alloy. Bus bar shall be high conductivity electrolytic quality aluminium alloy.		i i jeden	11 (19 37-1)	
D	high conductivity electrolytic quality distinctions at a distance as pe supported by DMC/SMC bus bar supports fixed at a distance as pe relevant IS standards.	The state of the s			
	The second of the second secon				
E	OUTGOING:				
	1 No. 200 amps Four Pole MCCB as outgoing. MCCB shall be Therma Magnetic with adjustable overload & shortcircuit release, 25KA havin suitable spreaders & Extended Rotary Handle. (Similar to Model No LV525312 Or Equivalent)	-			
	1 No. 160 amps Four Pole MCCB as outgoing. MCCB shall be Therm Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No. LV516313 Or Equivalent)	o.:			
	9 Nos. 63 amps Four Pole MCCB outgoing. MCCB shall be Thern Magnetic with adjustable overload & shortcircuit release, 25KA have suitable spreaders & Extended Rotary Handle. (Similar to Model N LV510315 Or Equivalent)	ing			
	1 No. 160 amps Four Pole MCCB as spare. MCCB shall be There Magnetic with adjustable overload & shortcircuit release, 25KA has suitable spreaders & Extended Rotary Handle. (Similar to Model I LV516313 Or Equivalent)				
	2 Nos. 63 amps Four Pole MCCB as spare. MCCB shall be Ther Magnetic with adjustable overload & shortcircuit release, 25KA ha suitable spreaders & Extended Rotary Handle. (Similar to Model LV510315 Or Equivalent)				v



	Detail	Qty.	Unit	Quoted Rate (In Figure)	Quoted Rate (In Word)
N	Detail			(III I I I I I I I I I I I I I I I I I	
١.	LT PANEL FOR Heavy Machine-3&4				
-E)		11.00		And a state of	
	Design, Manufacturing, Supply of Indoor cubicle type compartmentalized LT Panel, suitable for 415 V 50 Hz AC system, suitable for 25 KA short circuit rating, confirming to minimum IP: 42				
Α	degree of protection, made of 14 SWG MS sheet frame work and 16 SWG MS sheet shutters, floor mounted, dust & vermin proof enclosure, having hinged cover on front and back having neoprene gasket stuck to the doors, duly painted with 65- 75 micron thick dry epoxy powder paint after 7 tank process of degreasing, derusting etc comprising of the	1	Set		
	following accessories complete with all interconnections with suitable size of Electrical Grade Aluminum strip/hard drawn PVC insulated copper cable etc. as per requirement. The panel shall be provided with two distinct terminals for earthing connection with Copper conductor.	AND SALES	is to the second	in the second	
		2.3745		******	
В	INCOMER:				
	1 No. 630 amps Four Pole MCCB as Incomer. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 36KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.: LV563309 Or Equivalent)				
С	CONTROL & METERS: 15. The annual research of the separate proof and control &				
	1 No. Analog type Voltmeter of (0-500V)		DATE:		
V I	1 No. Analog type Ammeter of (0-630A) Indication Lamps (Red, Yellow, Blue) for Phase indication protected with	1			
	4 Nos. 6A Single Pole, 10KA Control MCBs				
	3 Nos Metering Class CT of rated 630/5A, CL-1.0, 10VA				
	· · · · · · · · · · · · · · · · · · ·	1			
D	BUS BAR: 1 Set of 415V,630A,3Ø,4W,50Hz,25KA FOR 1 SEC. busbars of high conductivity electrolytic quality aluminium alloy. Bus bar shall be supported by DMC/SMC bus bar supports fixed at a distance as per relevant IS standards.				
E	OUTGOING: BURNERS IS EXTRAINED ROTHLY HANDET IS WHEN TO ENGERS INC				
	1 No. 200 amps Four Pole MCCB as outgoing. MCCB shall be Therma Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No. LV525312 Or Equivalent)	0.:			
	1 No. 160 amps Four Pole MCCB as outgoing. MCCB shall be Therm Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No. LV516313 Or Equivalent)	al ng o.:			

DAYC/SIVIC bus bar supports fleed at a distable states.



0.0	Detail	Qty.	Unit	Quoted Rate (In Figure)	Quoted Rate (In Word)
N	6 Nos. 63 amps Four Pole MCCB as outgoing. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.: LV510315 Or Equivalent)	1.2			
	1 No. 160 amps Four Pole MCCB as spare. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.: LV516313 Or Equivalent)			X X	
	1 No. 63 amps Four Pole MCCB as spare. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.: LV510315 Or Equivalent)			10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (
III A-E)	LT PANEL FOR Heavy Machine-5				
Α	Design, Manufacturing, Supply of Indoor cubicle type compartmentalized LT Panel, suitable for 415 V 50 Hz AC system suitable for 25 KA short circuit rating, confirming to minimum IP: 4 degree of protection, made of 14 SWG MS sheet frame work and 1 SWG MS sheet shutters, floor mounted, dust & vermin proof enclosure having hinged cover on front and back having neoprene gasket stuck the doors, duly painted with 65- 75 micron thick dry epoxy powder paint after 7 tank process of degreasing, derusting etc comprising of the following accessories complete with all interconnections with suitable size of Electrical Grade Aluminum strip/hard drawn PVC insulated copper cable etc. as per requirement. The panel shall be provided with two distinct terminals for earthing connection with Copper conductor.	n, 2 6 e, co 1 eer ne elle ed	Set		
В	INCOMER:	mall	A SAME TO SAME		
	1 No. 630 amps Four Pole MCCB as Incomer. MCCB shall be Therr Magnetic with adjustable overload & shortcircuit release, 36KA hav suitable spreaders & Extended Rotary Handle. (Similar to Model N LV563309 Or Equivalent)				7



SI	Detail	Qty.	Unit	Quoted Rate (In Figure)	Quoted Rate (In Word)
С	CONTROL & METERS:				
	1 No. Analog type Voltmeter of (0-500V)			V Control	
	1 No. Analog type Ammeter of (0-630A)	e only	fart.		
	Indication Lamps (Red, Yellow, Blue) for Phase indication protected with 4 Nos. 6A Single Pole, 10KA Control MCBs				
	3 Nos. Metering Class CT of rated 630/5A, CL-1.0, 10VA				
D	BUS BAR: 1 Set of415V,630A,3Ø,4W,50Hz,25KA FOR 1 SEC. busbars of high conductivity electrolytic quality aluminium alloy. Bus bar shall be supported by DMC/SMC bus bar supports fixed at a distance as per relevant IS standards.				
Е	OUTGOING:	7.5		Harris Barris II	
	1 No. 400 amps Four Pole MCCB as outgoing. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 36KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.:				
	6 Nos. 63 amps Four Pole MCCB as outgoing. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.:				
	1 No. 63 amps Four Pole MCCB as spare. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.:				
IV (A-E)	LT PANEL FOR A.C CHILLER-6&Colour Mixing Machine				
Α	Design, Manufacturing, Supply of Indoor cubicle type compartmentalized LT Panel, suitable for 415 V 50 Hz AC system, suitable for 25 KA short circuit rating, confirming to minimum IP: 42 degree of protection, made of 14 SWG MS sheet frame work and 16 SWG MS sheet shutters, floor mounted, dust & vermin proof enclosure, having hinged cover on front and back having neoprene gasket stuck to the doors, duly painted with 65- 75 micron thick dry epoxy powder paint after 7 tank process of degreasing, derusting etc comprising of the following accessories complete with all interconnections with suitable size of Electrical Grade Aluminum strip/hard drawn PVC insulated copper cable etc. as per requirement. The panel shall be provided with two distinct terminals for earthing connection with Copper conductor.	1	Set		

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SI	Detail	Qty.	Unit	Quoted Rate (In Figure)	Quoted Rate (In Word)
В	INCOMER:	rr'st			
	1 No. 630 amps Four Pole MCCB as Incomer. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 36KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.: LV563309 Or Equivalent)				
С	CONTROL & METERS:				
	1 No. Analog type Voltmeter of (0-500V)			AMTHUM	
li de la	1 No. Analog type Ammeter of (0-630A)				
	Indication Lamps (Red, Yellow, Blue) for Phase indication protected with 4 Nos. 6A Single Pole, 10KA Control MCBs				
	3 Nos. Metering Class CT of rated 630/5A, CL-1.0, 10VA	4447	Marin		
D	BUS BAR: 1 Set of 415V,630A,3Ø,4W,50Hz,25KA FOR 1 SEC. busbars of high conductivity electrolytic quality aluminium alloy. Bus bar shall be supported by DMC/SMC bus bar supports fixed at a distance as per relevant IS standards.				
Е	OUTGOING:	i j			
	1 No. 400 amps Four Pole MCCB as outgoing. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 36KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.: LV540309 Or Equivalent)				
	4 Nos. 63 amps Four Pole MCCB as outgoing. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.: LV510315 Or Equivalent)		Prince of a		
	1 No. 63 amps Four Pole MCCB as spare. MCCB shall be Thermal Magnetic with adjustable overload & shortcircuit release, 25KA having suitable spreaders & Extended Rotary Handle. (Similar to Model No.: LV510315 Or Equivalent)				

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