

NAME OF BIDDER :		M/s ATLAS COPCO (INDIA) LTD							
NAME OF PROJECT:		1 X 660 MW SAGARDIGHI TPS EXTN. UNIT#5							
NAME OF PACKAGE:		COMPRESSED AIR SYSTEM							
TECHNICAL SPECIFICATION:		PE-TS-445-555-A001							
TENDER ENQUIRY NO :		PE/PG/SG/E-6640/2021 DATED 21.05.2021							
Sl. No.	DESCRIPTION	UNIT	QTY	Total Ex-works Price (INR)	Freight in %	Freight in INR	Total FOR Site Price Including Freight but excluding GST (INR)	Total FOR Site Price Including Freight but excluding GST in Words	
1.0	Total lump sum firm price for Supply part, Services part including Mandatory Spares, comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, fill of lubricants & consumables, mandatory spares along with spares for erection, start up and commissioning as required, forwarding, proper packing, shipment and delivery at site, unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning, final painting at site, minor civil work, trial run at site, preparation of layout drawings and carrying out Performance guarantee tests at site, training of customer/client and O&M staff and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	LOT	1						
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE								
2.1	Total lump sum firm price for Supply part comprising of design (i.e.preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, fill of lubricants & consumables alongwith spares for erection as required, startup and commissioning spares, forwarding, proper packing, shipment and delivery at site, preperation of layout drawings for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-I)	LOT	1						
2.2	Total lumpsum firm prices for Services part comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning, final painting at site, minor civil work, trial run at site and carrying out Performance guarantee / Functional / Demonstration tests at site (As applicable), training of customer/client O&M staff and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order.	LOT	1						
2.3	Total lumpsum firm price for Mandatory Spares comprising of manufacture, fabrication, assembly, inspection / testing (as applicable) at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. (Price break up of Mandatory Spares is to be furnished as per Annexure- II)	LOT	1						
Note	Minimum E&C Charges shall be 10 % instead of 20 % as mentioned in Clause No 3 (Instruction to Bidders) of GCC Rev-07.								

ANNEXURE-I					
NAME OF PROJECT:		1 X 660 MW SAGARDIGHI TPS EXTN. UNIT#5			
NAME OF PACKAGE:		COMPRESSED AIR SYSTEM			
TECHNICAL SPECIFICATION:		PE-TS-445-555-A001			
S. No.	DESCRIPTION	UNIT	QTY	UNIT EX (INR)	TOTAL EX WORKS (INR)
	BREAK-UP OF SUPPLY PRICES GIVEN IN 2.1 OF MAIN SHEET.				
2.1	Total lump sum firm price for Supply part comprising of design (i.e.preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, fill of lubricants & consumables alongwith spares for erection as required, startup and commissioning spares, forwarding, proper packing, shipment and delivery at site, preperation of layout drawings for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-I)	Lot	1		
	Break up prices for items covered in clause 2.1 above.				
2.1.1	Air compressors (Oil free screw type) each of minimum 36 NM3/ min capacity @ 8 kg/cm2 (min) discharge pressure with electric motor drive, suction filter with silencer, inter cooler & after cooler with moisture separators, automatic drain traps, instruments, control system and other accessories.	Nos.	2		0
2.1.2	Air drying plants, heat of compression (HOC) rotary type/ dual tower type, of minimum 36 NM3/ min capacity with all instruments, control panels and other accessories as specified.	Nos.	2		0
2.1.3a	Air receivers, minimum 10 cum capacity, each with pressure switches/ transmitters, relief valve, drain connection with automatic trap stations (zero purge air loss type) and other accessories as specified.	Nos.	5		0
2.1.3b	Air receivers, minimum 2 cum capacity, each with pressure switches/ transmitters, relief valve, drain connection with automatic trap stations (zero purge air loss type) and other accessories as specified.	Nos.	1		0
2.1.4	Inter connecting cooling water, compressed air piping and drain piping upto the nearest drain piont as specified including fittings and valves, etc for complete compressed air system.	Lot	1		0
2.1.5	Field instruments, junction box, Tools & Tackles etc. for complete Compressed air system.	Lot	1		0
2.1.6	Sequencial Panel/Energy Saver Panel for equal no. of running hours for the instrument air and sevice air compressors as specified.	Lot	1		0
2.1.7	Operational spares for complete Compressed air system.				
a	Lube oil (Qty. for 1 Lot in Ltr. shall be as per oil tank capacity for One Compressor)	Lot	2		0
b	Lube oil filters with seals	Nos.	4		0
c	Air filters with gaskets	Nos.	4		0
d	Service kit including seals, washers and rings for intercooler	Nos.	2		0
e	Service kit including seals, washers and rings for after cooler	Nos.	2		0
2.1.8	Any other item not indicated above, but required to complete the package as per system requirements. (Bidder to submit item-wise un-priced break-up in techno-commercial offer and price offer)	Lot	1		0

ANNEXURE-II LIST OF MANDATORY SPARES			
NAME OF PROJECT:		1 X 660 MW SAGARDIGHI TPS EXTN. UNIT#5	
NAME OF PACKAGE:		COMPRESSED AIR SYSTEM	
TECHNICAL SPECIFICATION:		PE-TS-445-555-A001	
S. No.	DESCRIPTION	QTY AND UNIT	TOTAL EX WORKS DULY PACKED (INR)
6.05.01	Dry Air Intake Filter	5Nos.	
6.05.02	Complete set of Loading- unloading valve assembly	2Sets (one set means complete replacement for one compressor)	
6.05.03	Low Pressure Compressor element (Screw) with Drive end & Non-drive end Bearings for Male & Female Elements	2Sets (one set means complete replacement for one compressor)	
6.05.04	High Pressure Compressor element (Screw) with Drive end & Non-drive end Bearings for Male & Female Elements	2Sets (one set means complete replacement for one compressor)	
6.05.05	Plug for Inter cooler Tube Bunch	15Nos	
6.05.06	Plug for After Cooler Tube Bunch	15Nos	
6.05.07	Automatic Purge Drain Valve for Inter cooler and After cooler	2Sets (one set means complete replacement for one compressor)	
6.05.08	Air Outlet Check Valve	2Nos.	
6.05.09	Air Outlet Compensator	1Set (one set means complete replacement for one compressor)	
6.05.10	Lub oil filter	5Nos.	
6.05.11	Lub oil Pressure Regulating valve	1No.	
6.05.12	Different oil seals/O-ring for Lub oil system	4Sets (one set means complete replacement for one compressor)	
6.05.13	Cooling water Inlet and Outlet connection bellows	2Sets (one set means complete replacement for one compressor)	
6.05.14	Gear Box Unit Complete	1Set (one set means complete replacement for one compressor)	
6.05.15	Gear Box Component		
(i)	Different Oil Seals/O-ring	2Sets (one set means complete replacement for one compressor)	
(ii)	Set Of Bearings	1Set (one set means complete replacement for one compressor)	
(iii)	Breathing Unit	2Nos	
6.05.16	Component of L.P Cylinder		
(i)	Gear sets	1Set (one set means complete replacement for one compressor)	
(ii)	Set of bearings	1Set (one set means complete replacement for one compressor)	
(iii)	Mechanical Seal & O-ring	1Set (one set means complete replacement for one compressor)	
6.05.17	Component of HP Cylinder		
(i)	Gear sets	1Set (one set means complete replacement for one compressor)	
(ii)	Set of bearings	1Set (one set means complete replacement for one compressor)	
(iii)	Mechanical Seal & O-ring	1Set (one set means complete replacement for one compressor)	
(iv)	Different Safety Valves	1Set (one set means complete replacement for one compressor)	
(v)	Coupling		
	Complete Set of Coupling (Motor to Compressor)	1Set (one set means complete replacement for one compressor)	
	Flexible Rubber for Coupling	4Nos.	
6.05.18	Drain Moisture Trap	2Sets (one set means complete replacement for one compressor)	
6.05.19	Safety Valve's Springs & Gasket for LP Stage	1Set (one set means complete replacement for one compressor)	
6.05.20	Safety Valve's Springs & Gasket for HP Stage	1Set (one set means complete replacement for one compressor)	
6.05.21	Oil Pump & Motor Complete Assembly	1Set	
6.05.22	Drive Motor	1No.	
6.05.23	Other Spares as applicable as per the Electrical List	Applicable Item & Quantity same as indicated in Electrical list Sl. No.7.12.00 & 7.21.00	
6.05.24	Compressed Air Line Valves		
(i)	Complete Assembly of Globe Valve with 300 Class and 1" NB	20 Nos.	
(ii)	Complete Assembly of Gate Valve with 300 Class and 1" NB	20 Nos.	
(iii)	Complete Assembly of Globe Valve with 150 Class and 1" NB	20 Nos.	
(iv)	Complete Assembly of Gate Valve with 150 Class and 1" NB	20 Nos.	

(v)	Complete Assembly of Globe Valve with 300 Class and 1½" NB	10 Nos.	
(vi)	Complete Assembly of Gate Valve with 300 Class and 1½" NB	10 Nos.	
(vii)	Complete Assembly of Globe Valve with 150 Class and 1½" NB	10 Nos.	
(viii)	Complete Assembly of Gate Valve with 150 Class and 1½" NB	10 Nos.	
(ix)	NRVs	1No. each type, Class and Size	
(x)	Any other valves apart from the above, but used in the system	1No. each type, Class and Size	
(xi)	Electrical Actuators for the Valves as per Electrical List	Applicable Item & Quantity same as indicated in Electrical list Sl. No. 7.13.00	
6.05.25	C&I Items		
(i)	PLC with MMI System	Applicable Item & Quantity same as indicated in C&I list Sl. No. 8.03.00	
(ii)	Field Instruments & Others as applicable as per the C&I List	Applicable Item & Quantity same as indicated in C&I list Sl. No. 8.04.00, 8.07.00 & 8.10.00	
6.05.26	Air Drying Plant (HOC Type)		
(i)	Pre-filter Elements	2Sets (one set means complete replacement for one drier filter)	
(ii)	After-filter Elements	2Sets (one set means complete replacement for one compressor)	
7.12.00	Control Panel/Desktop Mounted Items		
7.12.01	Push Button Complete assembly	10Nos for each colour	
7.12.02	Push Button Contact Element (1NO + 1NC) Block	20Nos.	
7.12.03	Selector Switch	10Nos. for each type and rating	
7.12.04	Meter (Analog and Digital)		
(i)	Ammeter	2Nos. for each type and range	
(ii)	Voltmeter	2Nos. for each type and range	
(iii)	Frequency	2Nos. for each type and range	
(iv)	MW	2Nos. for each type and range	
(v)	MVAR	2Nos. for each type and range	
(vi)	Power Factor	2Nos. for each type and range	
(vii)	Synchroscope	1No. for each type and range	
(viii)	Synchrocheck Relay complete set	1No. for each type and range	
(ix)	Transducer	1No. for each type and range	
7.12.05	Indicating Lamps complete assembly	20Nos. for each Colour and type	
7.12.06	Mimic Lamps	10Nos. for each Colour and type	
7.12.07	MCB	5Nos. for each type and rating	
7.12.08	Door Limit Switch	5Nos.	
7.12.09	Annunciation system		
(i)	Lamp Box with Facia & Lamps (LED type)	25Nos.	
(ii)	Hooter	1No.	
(iii)	Each type of PCB (for non-PLC driven system)	1(one) no.	
7.13.00	Actuator		
7.13.01	Complete set of Actuator	2Nos. for each type, make and rating, 1 no. for H2 cooler Temperature controller and 1 no. for	
7.13.02	Power Unit for Modulating Actuator	4Nos. of each type	
7.13.03	DC-DC Power Pack Unit	4Nos. of each type	
7.13.04	Electronic cards	4Nos. of each type	
7.13.05	Position Feed Back Transmitters	4Nos. of each type	
7.13.06	Control Unit	4Nos. of each type	
7.13.07	Limit Switch Assembly	2 Nos each type and rating	
7.13.08	Torque Switch Assembly	2 Nos each type and rating	
7.13.09	Power Contactor	5Nos. for each type and rating	
7.13.10	Auxiliary Contactor	5Nos. for each type and rating	
7.13.11	Thermal Over Load Relay	2Nos. for each type and rating	
7.13.12	Motor	1No. each type and rating	
7.13.13	Complete Seal kit	2Sets for each type and rating	
7.13.14	Complete O-Ring Set	2Sets for each type and rating	

7.21.00	Motor		
7.21.01	11 KV & 3.3 KV Motor		
(i)	Motor of each type and rating (Note :motors covered in mechanical spare items	10% of the installed quantity or minimum 1 number whichever be higher	
(ii)	Neutral End Terminal Bushing with Fasteners	1 no. for each type and rating of Motor	
(iii)	Bearing Temperature Gauge Driving & Non-Driving End	1 set for each type and rating of Motor	
(iv)	Phase segregated terminal boxes	2 Nos. for each type and rating of Motor	
(v)	Heaters	2 sets for each type and rating of Motor	
(vi)	Complete Set of Coupling	1 set for each type and rating of Motor	
(vii)	Bearings (DE) for each type and rating of motors	2 sets for each type and rating of Motor	
(viii)	Bearings (NDE) for each type and rating of motors	2 sets for each type and rating of Motor	
(ix)	Cooling Fan Internal & External	1 set for each type and rating of Motor	
(x)	Neutral CT for differential protection (For motor rating >1000 KW)	2 no of each type and rating.	
(xi)	End Termination kits	2 Nos. of each type and rating	
(xii)	Indicating instruments/gauges other then Bearing temperature gauge (as applicable)	1 set for each type and rating of Motor	
(xiii)	Phase side Bushing and Insulator	1Set for each type and rating of Motor	
(xiv)	Oil Seal Ring (as applicable)	1Set for each type and rating of Motor	
7.21.02	415 Volt Motor		
(i)	Motor of each type and rating (Note : motors covered in mechanical spare items	10% of the installed quantity or minimum 1 number whichever be higher	
(ii)	End Shield Cover Driving & Non-Driving End	1 set for each type and rating of Motor	
(iii)	Heaters	2 sets for each type and rating of motor	
(iv)	Bearings (DE and NDE) for each type and rating of motor	2 sets	
(v)	Cooling Fan for air type and rating of L I motors	One (1) set	
(vi)	Dust seals and gaskets for each type of motors	1 Set	
(vii)	Motor Terminal Block	1 no. for each type and rating of Motor	
(viii)	Complete Set of Coupling	1 set for each type and rating	
8.04.00	Field Instrument		
8.04.01	Electronic Transmitters		
(i)	Pressure	1(One) no. complete set for each type and model/range used in the system	
(ii)	Differential Pressure	1(One) no. complete set for each type and model/range used in the system	
(iii)	Level	1(One) no. complete set for each type and model/range used in the system	
(iv)	Speed	1(One) no. complete set for each type and model/range used in the system	
(v)	FlowTransmitter	1(One) no. complete set for each type and model/range used in the system	
(vi)	3-D Ultrasonic level Transmitter	1(One) no. complete set for each type and model/range used in the system	
8.04.02	Different type of Switches		
(i)	Pressure Switch	2(two)no. of each type & model/range used in the system	
(ii)	Differential Pressure Switch	2(two)no. of each type & model/range used in the system	
(iii)	Level Switch	2(two)no. of each type & model/range used in the system	
(iv)	Flow Switch	2(two)no. of each type & model/range used in the system	
(v)	Temperature Switch	2(two)no. of each type & model/range used in the system	
(vi)	Dust Detector	1(one)no. of each type & model used in the system	
8.04.03	Thermocouple	100% of each type and length used in one unit	
8.04.04	RTD	100% of each type and length used in one unit	
8.04.05	Thermo-well for both TC and RTD	2(two) nos. for each type and rating/length used in the system	
8.04.06	Solenoid Valve		
(i)	Complete Solenoid Valve Assembly	2Nos. for each type and rating used in the system	
(ii)	Coil (single or double coil type)	5(five) Nos. whichever is more for each type and rating.	
8.04.07	Different types of Gauge	1(one) no. whichever is more for each type and range.	
(i)	Pressure Gauge	1(one) no. whichever is more for each type and range.	

(ii)	Differential Pressure Gauge	1(one) no. whichever is more for each type and range.	
(iii)	Temperature Gauge	1(one) no. whichever is more for each type and range.	
(iv)	Magnetic Level Gauge	1(one) no. whichever is more for each type and range.	
8.04.08	Air Filter Regulator including moisture separator complete set with pressure gauges	10Nos.	
8.04.09	Rotameter	10% of total nos. used in the system or minimum 2(Two) nos. whichever is more for each type, rating,/model and size used in the system.	
8.04.10	Gauge Glass	1No. for each type and size	
8.04.11	Erection Hardware		
(i)	Transmitter's Manifold	2(Two) nos. whichever is more for each type, rating,/model and size used in the system.	
(ii)	Impulse Line Root/Source valve	4(four) nos. whichever is more for each type, rating,/model and size used in the system.	
(iii)	Impulse Line Isolation valve	4(four) nos. whichever is more for each type, rating,/model and size used in the system.	
(iv)	Impulse Line Drain valve	4(four) nos. whichever is more for each type, rating,/model and size used in the system.	
(v)	Impulse Line fittings	Each type/size 25Nos	
(vi)	Impulse Pipe	Each type/size 100Mtrs.	
(vii)	Copper/SS Tube	Each type/size 100Mtrs.	
(viii)	Fittings for Copper/SS Tube	Each type/size 100Nos.	
8.04.13	Conductivity Type Level Switch		
(i)	Conductivity Ttype level Probes	10% of total nos. used in the system or minimum 4(four) nos. whichever is more.	
(ii)	Complete Electronics unit	1Set	
(iii)	Isolating/Root Valve	2Nos.	
8.04.14	Cable		
(i)	Thermocouple Cable	3(three)Kms. of each type, size & rating of Cables	
(ii)	Control & Instrumentation Cable	3(three)Kms. of each type, size & rating of Cables	
8.07.00	Pneumatic Control Valve & Power Cylinder (Applicable for all Modulating Type & On-		
8.07.01	Control Valve		
(i)	Pneumatic Diaphragm or Diaphragm actuated valve	2(two) nos. for each type of Actuator	
(ii)	Actuator Seal Kit for Pneumatic Cylinder actuated valve	2(two) nos. for each type of Actuator	
(iii)	Gland Packing	1(one) set for each type of Control Valve	
(iv)	Stem	1(one) No. for each type of Control Valve	
(v)	Plug	1(one) No. for each type of Control Valve	
(vi)	Seat	1(one) No. for each type of Control Valve	
(vii)	Cage	1(one) No. for each type of Control Valve	
(viii)	Retainer Ring	1(one) No. for each type of Control Valve	
(ix)	Seal Ring	1(one) No. for each type of Control Valve	
(x)	Gasket	2(two) Sets. for each type of Control Valve	
(xi)	Smart Positioner of the Valve	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each type and model	
(xii)	Seal Kit for the Positioner	2(two) Sets. for each type of Positioner	
(xiii)	Position Feedback Transmitter (applicable if it is not integral with the Smart Positioner)	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each type and model.	
(xiv)	Complete Set of Solenoid Valve for Pneumatic type On/Off Valve	2Nos. for each type & ratings	
(xv)	Solenoid Coil for Pneumatic type On/Off Valve	5Nos. for each type & ratings	
8.07.02	Power Cylinder		
(i)	Actuator Seal Kit	2(two) nos. for each type of Power Cylinder	
(ii)	Gasket	2(two) Sets. for each type of Power Cylinder	
(iii)	Complete Set of Power Cylinder	1(one) no. each type for all application	
(iv)	Smart Positioner of the Valve	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each type and model.	

(v)	Seal Kit for the Positioner	2(two) Sets. for each type of Positioner	
(vi)	Position Feedback Transmitter (applicable if it is not integral with the Smart Positioner)	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each	
(vii)	Complete Set of Solenoid valve for Pneumatic type On/Off Power Cylinder	2Nos. for each type & ratings	
(viii)	Solenoid Coil for Pneumatic type On/Off Power Cylinder	5Nos. for each type & ratings	
(ix)	Position Limit Switch for Pneumatic type On/Off Power Cylinder	10Nos. for each type & ratings	
8.07.03	I/P Converter for Control Valve/Power Cylinder (if applicable)	10% of total quantity used in the system or minimum 5(five) nos. whichever is more for each type and model.	
8.07.04	Air Lock Relay	10Nos. for each type	
8.07.05	Signal Air Booster Unit	2Nos. for each type	
8.10.00	Control Panel And Local/Remote Control Desk		
8.10.01	Mosaic/Conventional Type Push button Station	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each type and model.	
8.10.02	Mosaic Type Push button Station with LED Indication	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each type and model.	
8.10.03	Mosaic Type LED Indication Station	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each type and model.	
8.10.04	Simaphore Indicator	2(two)Nos. each type	
8.10.05	Annunciation System		
(i)	Each type of PCB (for non-PLC driven system)	1(one) No. each	
(ii)	Lamp Box with Facia & Lamps (LED type)	10(ten)Nos.	
(iii)	Hooter	1(one) No.	
Grand Total (Ex-works for Supply of Mandatory Spares)			
NOTE:			
1	Wherever set is mentioned, one set of the spares of that item shall be for complete replacement of that particular item for one equipment.		
2	Any fraction of a item shall mean the next higher integer.		
3	Wherever quantity has been specified as percentage (%), the quantity of mandatory spares to be provided by contractor shall be the specified percentage (%) of the total population of the plant. In case the quantity so calculated happens to be fraction, the same shall be rounded off to next		
4	Wherever the quantities have been indicated for each type, size, thickness, material, radius, range etc., these shall cover all the items supplied and installed and the breakup for these shall be furnished in the bid.		
5	In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to offered design with quantities generally in line with the approach followed in the above list.		

ANNEXURE-III
Guaranteed Power Consumption For Compressed Air System

NAME OF PROJECT:		SAGARDIGHI TPS EXTN. UNIT#5				
NAME OF PACKAGE:		COMPRESSED AIR SYSTEM				
TECHNICAL SPECIFICATION:		PE-TS-445-555-A001				
S.No. (1)	Description of Equipments (2)	Nos. of Equipments (3)		Total Guaranteed Power Consumption for Each Equipment at Motor Input Terminals & control Panel (4)	Duty Factor (5)	Total (KW) (6) = (3A)*(4)*(5)
		Working A	Standby B			
1	Instrument Air Compressors (Oil free Screw type) of capacity 36 NM3/min.	1	0	to be filled by bidder	0.67	to be filled by bidder
2	Service Air Compressors (Oil free Screw type) of capacity 36 NM3/min.	1	0	to be filled by bidder	0.33	to be filled by bidder
3	HOC Air Dyrer of capacity 36 NM3/min.	2	0	to be filled by bidder	0.5	to be filled by bidder
Note :					TOTAL	to be filled by bidder
1	Estimated Power Consumption Figure for the compressed air system (For Working Drives Only) considered is 306.5 KW .					
2	Bidders Guaranteed power consumption at motor input terminal at rated duty of Air Compressor considering motor efficiency as confirmed by motor OEM including Air Drying Plant (Heater and Blowers, as applicable) as furnished in guranteed schedule shall be demonstrated by the successful bidder during performance testing at works/site.					
3	The price quoted by the bidder shall be loaded @ INR 4,62,000 /- for every additional KW increase in consumption from the base figure indicated at Note no. 1.0 above.					
4	In case the successful bidder fails to establish / prove the guaranteed values of power consumption (base figure of auxiliary power consumption or the GPC quoted by bidder, whichever is higher) on actual performance testing at the manufacturing works / site, penalty INR 4,62,000 /- per KW increase in power consumption figure shall be levied.					

ANNEXURE-II DEVIATION SHEET (COST OF WITHDRAWAL)									
PROJECT:-						1 X 660 MW SAGARDIGHI TPS EXTN. UNIT#5			
PACKAGE :-						COMPRESSED AIR SYSTEM			
TENDER ENQUIRY :-						PE/PG/SGI/E-6640/2021 DATED 21.05.2021			
NAME OF THE BIDDER						M/s ATLAS COPCO (INDIA) LTD			
Sl. No.	Volume/Section	Page No.	Clause No.	Technical Specification/Tender Document No	Complete Description of Deviation	Cost of withdrawal of deviation to be entered by the bidder in	Reference of price Schedule of which Cost of Withdrawal of Deviation is applicable	Nature of cost of withdrawal of deviation (Positive/Negative)	Reasons for quoting deviation
1	TECHNICAL DEVIATION								
1.01									
1.02									
1.03									
1.04									
1.05									
1.06									
1.07									
1.08									
2	COMMERCIAL DEVIATION								
2.01									
2.02									
2.03									
2.04									
2.05									
2.06									
2.07									
2.08									

NOTES:

- Cost of Withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.
- All the bidders have to list out all their technical & commercial deviations (if any) in details in the above format.
- Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.
- Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawal of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT.
- Bidder shall furnish price copy of above format along with price bid.
- The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.
- Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered.
- For deviations w.r.t. Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawal of deviation loading as per Annexure-VII of GCC, Rev-07 will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawal of deviation shall be taken as NIL.
- Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted.
- All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.
- Cost of withdrawal is to be given separately for each deviation. In no event bidder should club cost of withdrawal of more than one deviation else cost of withdrawal of such deviations which have been clubbed together shall be considered as NIL.
- In case nature of cost of withdrawal (positive/negative) is not specified it shall be assumed as positive.
- In case of discrepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.