

[illegible]

PRICE FORMAT FOR FOREIGN BIDDERS																			
NAME OF PROJECT:		2X800 MW UPPUR STPP																	
NAME OF PACKAGE:		MILL REJECT SYSTEM (PNEUMATIC TYPE)																	
TENDER ENQUIRY No.:		PE/PG/UPP/E-5783/2017																	
						Imported Supply				Indigenous Supply					E&C			Grand	
S. No.	DESCRIPTION	UNIT	QTY	HSN CODE	Unit C & F - PRICE (Currency)	Total C & F - PRICE (Currency)	Custom Duty (...%) after availing input tax credit (INR)	Inland Freight (INR)	Total (Foreign currency + INR)	Unit Ex- works (INR)	Total Ex- works (INR)	Type of GST (IGST/CG ST + SGST/UT GST)	Freigh t (INR)	Total FOR excludin g GST (INR)	Unit E & C (incl. PG test, Demo. Test charges, etc.)	Total E & C (incl. PG test, Demo. Test charges, etc.)	Type of GST (IGST/ CGST + SGST/ UTGS T)	Total(Foreign currency + Indian currency)	
1.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY PART, SERVICE PART & 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 (as applicable), fill of lubricants & consumables, mandatory spares along with spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site, unloading, handling, transportation & storage at site, in-site transportation, assembly, minor civil works, erection & commissioning, trial run at site and carrying out performance guarantee/Functional/Demonstration tests at site (As applicable), training of customer/client O&M staff (if applicable) & final handing over to end customer in flawless condition for project and package specified at 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	Prices inclusive of all prevailing taxes, duties and other levies 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 (as applicable), fill of lubricants & consumables, along with spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Lot	1	8428 90 90											NA				

2.2	Total lump sum firm prices inclusive of all prevailing taxes, duties and other levies for the SERVICES part comprising of unloading, handling, transportation & storage at site, in site transportation, assembly, minor civil works, erection & commissioning, final painting at site, trial run at site, and carrying out performance guarantee/Functional/Demonstration tests at site (As applicable), training of customer/client O&M staff (if applicable) & final handing over to end customer in flawless condition for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.			Lot	1	998732	NA													
2.3	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies 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- I & II).			Lot	1	8431 39 90												NA		
Notes 1. CGST/SGST/UGST/IGST shall be paid at actuals against documentary evidence subjected to the maximum of GST corresponding to above HSN/SAC code. 2. In case, any GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant Act for availing such ITC, or any other reasons not attributable to BHEL, tax amount shall be recoverable from the vendor/contractor along with interest levied/leviable on BHEL. 3. All taxes and duties other than CGST/SGST/UGST/IGST shall be deemed to be included in the Ex-Works prices unless specified otherwise by the bidder in the price bid. No variation in other taxes and duties shall be payable by Purchaser. 4. Evaluation shall be done on the basis of total lump sum prices for complete supply and services but excluding GST. 5. Vendor to quote prices in words also. 6. Nature of GST on Services at project site shall not be allowed to change after bidding. 7.) Bidder to quote for GPC as per annexure-III																				
Particulars of bidder / authorised representative																				
Name	Designation	Signature	Date	Company Seal																

PRICE FORMAT ANNEXURE-II LIST OF MANDATORY SPARES (C&I)				
NAME OF PROJECT:		2X800 MW UPPUR STPP		
NAME OF PACKAGE:		MILL REJECT SYSTEM (PNEUMATIC TYPE)		
TENDER ENQUIRY No.:		PE/PG/UPP/E-5783/2017		
Sl. No.	DESCRIPTION	QTY	Unit Price (C&F/Ex-Works)	Total Price (C&F/Ex-works)
I	MECHANICAL			
1	DOME TYPE INLET VALVE			
	DOME SHAPED HEAD FOR INLET VALVE	1 NO		
	INFLATABLE SEAL FOR INLET VALVE	4 NOS		
	INSERT RING	1 NO		
	SPIGOT PIECE	1 NO		
	TOP PLATE	1 NO		
	EXTERNAL LIP SEAL	4 NOS		
	SHAFT SEAL	4 NOS		
	O' RING	4 NOS		
	SPRING PIN (INNER)	2 NOS		
	SPRING PIN (OUTER)	2 NOS		
	SET OF GASKET	2 NOS		
	PNEUMATIC CYLINDER SEAL KIT	1 NO		
	AIR LIMIT SWITCH SEAL KIT	1 NO		
	QUICK EXHAUST VALVE DIAPHRAGM FOR SEAL	1 NO		
	QUICK EXHAUST VALVE DIAPHRAGM FOR PNEUMATIC CYLINDER	1 NO		
	SILENCER FOR VALVE ASSEMBLY	1 NO		
2	CONVEYING LINE UPTO SILO TOP			
	PIPE LINE FITTINGS, BENDS, SPOOL PIECES	8 NOS. FOR EACH SIZE AND TYPE.		
3	KNIFE TYPE ISOLATION VALVE			
	ASSEMBLY OF GATE	2 NOS		
	SLIDE GATE	2 NOS		
	VALVE STEM	2 NOS		
4	ACTUATORS COMPLETE WITH MOTOR FOR ALL MOTORIZED VALVES OF EACH TYPE AND RATING.	5 % IN EACH SIZE, TYPE RATING & MAKE.		
5	REVERSE PULSE JET BAG FILTER			
	FILTER BAGS	8 NOS		
	PULSE VALVE COIL	2 NOS		
	PULSE VALVE DIAPHRAGM	2 NOS		
	SPRAY NOZZLE FOR SURGE HOPPER	4 NOS		
6	AIR COMPRESSOR			
6.1	DRY AIR INTAKE FILTER	2 NOS		
6.2	COMPLETE SET OF LOADING – UNLOADING VALVE ASSEMBLY	2 SETS		
6.3	LOW PRESSURE COMPRESSOR ELEMENT	1 SET		
6.4	HIGH PRESSURE COMPRESSOR ELEMENT	1 SET		
6.5	INTER COOLER TUBE BUNCH	1 SET		
6.6	AFTER COOLER TUBE BUNCH	1 SET		
6.7	AUTOMATIC PURGE DRAIN VALVE FOR INTER COOLER AND AFTER COOLER(AUTO DRAIN TRAP)	1 SET		
6.8	AIR OUTLET CHECK VALVE	2 SETS		
6.9	RUBBER AIR OUTLET COMPENSATOR	1 SET		
6.1	LUBE OIL FILTER	2 SETS		
6.11	LUBE OIL PRESSURE REGULATING VALVE	1 SET		
6.12	DIFFERENTIAL OIL SEALS FOR LUBE OIL SYSTEM	2 SETS		
6.13	COOLING WATER INLET AND OUTLET CONNECTION RUBBER BELLOWS	2 SETS		
6.14	GEAR BOX COMPONENT			
6.14.1	DIFFERENT OIL SEALS	2 SETS		
6.14.2	SET OF BEARINGS	1 SET		
6.14.3	BREATHING SYSTEM	2 SETS		
6.15	COMPONENTS OF L.P ELEMENTS			
6.15.1	GEAR PINION	1 SET		
6.16	COMPONENT OF HP ELEMENT			
6.16.1	GEAR SETS	1 SET		
6.16.2	DIFFERENT SAFETY VALVES	1 SET		

PRICE FORMAT ANNEXURE-II LIST OF MANDATORY SPARES (C&I)				
NAME OF PROJECT:		2X800 MW UPPUR STPP		
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TENDER ENQUIRY No.:		PE/PG/UPP/E-5783/2017		
Sl. No.	DESCRIPTION	QTY	Unit Price (C&F/Ex-Works)	Total Price (C&F/Ex-works)
6.16.3	FLEXIBLE RUBBER STUD COUPLINGS FOR COUPLING COMPRESSOR TO THE MOTOR	1 SET.		
Note: Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender specification apart from specified above, same shall be deemed to have been covered in bidders scope of supply.				
Particulars of bidder / authorised representative				
Name	Designation	Signature & company seal	Date	

PRICE FORMAT ANNEXURE-II LIST OF MANDATORY SPARES (C&I)				
NAME OF PROJECT:		2X800 MW UPPUR STPP		
NAME OF PACKAGE:		MILL REJECT SYSTEM (PNEUMATIC TYPE)		
TENDER ENQUIRY No.:		PE/PG/UPP/E-5783/2017		
Sl. No.	DESCRIPTION	QTY	Unit Price (C&F/Ex-Works)	Total Price (C&F/Ex-works)
1	Indicators, Recorders, Electrical Metering and Skid Mounted Instruments			
a.	For skid mounted instruments	10% of total number of Instruments, valves, C&I equipment, C&I items etc. for each Type and number for each model and type, whichever is more.		
b.	Indicators, recorders and meters offered from each model for the project. These instruments shall be supplied with three sets of blank scales.	10 % of Installed of each type/ Model or a minimum of one Number for each model and type, whichever is more.		
2	Temperature Elements and Thermowells			
a.	Thermocouples and RTD elements	10% spare for each type and length of element furnished with thermocouple and RTD assemblies, or a minimum of one number of each type & length, whichever is more. The element assembly shall be suitable for direct replacement in the corresponding thermowell.		
b.	Thermowells	10% for each type of temperature sensors or a minimum of one for each type, whichever is more.		
3	Temperature Transmitters and Electronic Transmitters (For Pressure, DP, Temp, Flow, Level), Process Transmitters, Level & Flow Transmitter for each type, Rotameters, Sight Flow indicators, Temperature, Pressure, Flow & Level Switch, safety & Protection switches, Gauges, Process meters, Junction Boxes, Position Transmitters/switches, Analysers, or any other instrument etc.	I. 10% of total number of each item offered for each model and type for the project or a minimum of one number, whichever is more.II. 10% of Electronic card/ PCB assembly and power supply card/ module for each type, model & rating of Transmitter, analyzers & Flow maters. II. 10% of Electronic card/ PCB assembly and power supply card/ module for each type, model & rating of Transmitter, analyzers & Flow maters.		

PRICE FORMAT ANNEXURE-II LIST OF MANDATORY SPARES (C&I)				
NAME OF PROJECT:		2X800 MW UPPUR STPP		
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TENDER ENQUIRY No.:		PE/PG/UPP/E-5783/2017		
Sl. No.	DESCRIPTION	QTY	Unit Price (C&F/Ex-Works)	Total Price (C&F/Ex-works)
4	Level Gauges	a) 10% or 2 nos. whichever is more of each type of illuminators with holder and reflector. b) 20% or 5 nos. whichever is more of each type of bulb. c) 10% or 2 nos. whichever is more of each type of bicolor rollers. d) 10% or 2 nos. whichever is more of each type of glass along with pair of gaskets (cushion gaskets) included & wet gaskets). e) 10% or 2 nos. whichever is more of each type of gaskets for gauge cocks/valve bonnet/ packing. f) 10% or 2 nos. whichever is more of each type scale.		
5	Solenoid valve	20 percent or min 10 no. of each type & model for total qty. (whichever is more)		
6	PANEL ILLUMINATION	100 % spare LED lamps shall be provided with each panel, these are in additional to mandatory spares.		
7	FUSES & MCB	50 % spare fuses shall be provided with each panel, these are in additional to mentioned in point no. 8(e).		
8	Erection hardware			
a.	Instrument valves, manifold, fittings, impulse pipe, impulse tubes, drains pipes,	10 % of each type, rating, model number & Size installed		
b.	Manifold	10 % of each type & Size installed		
c.	Fittings	10 % of each type & Size installed		
d.	MCB, and Power sockets used in LIE/LIR.	10 % of each type.		
e.	Fuses used in LIE/LIR.	50 % of each type.		
9	Mandatory spares not covered above Sensor/ instrument, analyzers/ special instruments/ Electronic card, instrumentation/ mechanical fittings etc.	10% or 1 no. (whichever is more) of each type.		
Note: 1. Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender specification apart from specified above, same shall be deemed to have been covered in bidders scope of supply.				
Particulars of bidder / authorised representative				
Name	Designation	Signature & company seal	Date	

ANNEXURE-III

2X800MW UPPUR STPP - Mill Reject Handling System						
GUARANTEED POWER CONSUMPTION FORMAT						
Mode: Pneumatic Conveying						
Sl.No.	Description / Item	Working	Standby	Power Consumption (KW) (at motor input terminal)	Duty Factor	Total Power Consumption (KW)
1	2	3	4	5	6	7 = 3 x 5 x 6
1	Conveying Air Compressor	1	1		0.50	
					Total KW	
Notes						
1	Power consumption (KW) of air compressors shall be measured at motor input terminals when operating at the rated capacity and pressure and performed on test rig at the vendor's works and actual motor shall be used for this purpose.					
2	<u>The base auxiliary power is 70 KW.</u> Quoted power by bidder at column no. (7) shall be evaluated with respect to base auxiliary power. For bid evaluation purpose, excess power quoted by bidder over base auxiliary power, shall be loaded with Rs. 588401 per KW.					
3	Power quoted by bidder shall be termed as 'Guaranteed Power consumption' (GPC) and bidder shall be liable to demonstrate compliance to GPC value during PG test/ Demonstration test at site. If the actual power consumption exceeds the guaranteed power consumption, liquidated damages shall be payable by the Contractor at the rate of Rs. 588401 per KW excess power consumption, over the guaranteed power consumption indicated by bidder in his bid. Such liquidated damages may be recovered by the BHEL by deduction from the contract price or by enforcing the contract performance guarantee or in any other manner deemed fit by the BHEL. For this purpose, the drives of standby equipment shall not be considered.					