

**PRICE FORMAT**

NAME OF PROJECT: 5X800 MW TSGENCO YADADRI TPP (STAGE 2)				Vendor Name						
NAME OF PACKAGE: VENTILATION PACKAGE-AWU & UAF				Enquiry No- E-7322/2023 Date 24.08.2023						
TECHNICAL SPECIFICATION No: PE-TS-417-554-A004				Supply			Services		Total Scope (Supply + Services)	
S. No.	DESCRIPTION	UNIT	QTY	Total Ex-Works Price (INR)	Freight %	Freight in INR	Total FOR Site Price Excluding GST	Unit Price (INR)	Total Price (INR)	Total Scope (Supply + Services)
1	Total lump sum firm price for Supply comprising 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, proper packing, supervision of erection & commissioning, Supervision of trial run at site and supervision of Performance guarantee/Functional / Demonstration tests at site (As applicable), training of customer/client O&M staff at site, maintenance 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	<b>MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.</b>									
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, chemicals, reagents and consumables required for pre-commissioning, commissioning , performance testing and till one year of operation after handing over, alongwith spares for erection as required, start-up and commissioning spares as required, forwarding, proper packing, shipment and delivery at site for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Price Break-up in Annexure-I)	Lot	1	₹ -		₹ -	₹ -			₹ -
2.2	Total lumpsum firm prices for Services part comprising of Supervision of Erection & Commissioning, supervision of trial run at site and supervision of Performance guarantee tests at site, training of customer/client O&M staff at site 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. (Break-up as per Annexure-II)	Lot	1					₹ -	-	₹ -
2.3	Total lumpsum firm price for Mandatory spares comprising of manufacture, fabrication, assembly, inspection / testing 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-III)	Lot	1	₹ -		₹ -	₹ -			₹ -

ANNEXURE - I					
NAME OF PROJECT:		5X800 MW TSGENCO YADADRI TPS(STAGE 2)			
NAME OF PACKAGE:		VENTILATION PACKAGE AWU & UAF			
TECHNICAL SPECIFICATION No:		PE-TS-417-554-A004			
SL NO	DESCRIPTION	Unit	QTY STAGE#2	SUPPLY	
				Unit Ex-Works Price (INR)	Total Ex-Works Price (INR)
1*	Sheet metal containerized type air washer unit (AWU)with centrifugal fan (DIDW) with motor, pumps with motors, air washer internals, inlet air louvers, filters, piping as per IS:1239, Part-I (heavy class galvanised), valves, nozzles, , back wash arrangement, galvanised drain piping, etc. as per specification of capacity 2,80,000 CMH. Each air washer has 2 no centrifugal fan ( 2 x 50% duty) of capacity 1,40,000 CMH at min. 85 mm SP.	NO	12		₹ -
2*	Unitary air filtration(UAF) unit with centrifugal fan (SISW) with motor, pumps with motors, inlet air louvers, filters, UAF internals, piping as per IS: 1239 pt. I (heavy class galvanised), valves , nozzles, back wash arrangement, galvanised drain piping etc. as per spec. (Fan capacity 100,000 CMH at min. 60 mmwc static pressure)	NO	5		₹ -
3*	Handling arrangement for Ventilation system.				
a*	Manual operated trolley, platform trolley of 1 ton capacity with base area 2mx1.5m.	Nos.*	3		₹ -
b*	1 T Chain Pulley Block with Travelling trolley.	Nos.*	1		₹ -
c*	1 T Chain Pulley Block with tripod stand ( without Travelling trolley .	Nos.*	1		₹ -
4*	Local control Panel for the operation of pumps, fans etc, for each AWU along with its accessories inline with technical specification	Nos.*	1		₹ -
5*	Local control Panel for the operation of pumps, fans etc, for each UAF along with its accessories inline with technical specification	Nos.*	1		₹ -
6	Total lumpsum price for special tools & tackles for maintenance inclusive of packing forwarding, transportation up to site, etc. (Bidder shall submit item-wise price break-up-As per Appendix A).	LOT	1	₹ -	₹ -
7	Total lumpsum price for commissioning spares inclusive of packing forwarding, transportation up to site, etc. (Bidder shall submit item-wise price break-up-As per Appendix B).	LOT	1	₹ -	₹ -
8	FIELD INSTRUMENTS like gauges, switches, transmitters for measurement of pressure , temperature, level, differential pressure, flow etc. and other instruments as per approved P&ID and required for completeness of Ventilation System-AWU & UAF	LOT	1		₹ -
9	Any other item not indicated above, but required to make the system complete in all respects.	LOT	1		₹ -
<b>Total</b>					₹ -
<b>NOTES</b>					
1	The bidder shall furnish unit rates for variable item (marked *) for necessary adjustment (plus or minus) variation during detailed Engg. stage. The unit rates quoted above shall be considered for quantity adjustment. Unit rates shall be valid throughout the contract.				
2	Any other item not indicated above, but required to make the system complete in all respects, as per the technical specification, shall be supplied without any cost implication to BHEL.				
3	Any cell left blank in the unpriced schedule shall be treated as "Quoted" and is included in total price.				
4	Stage # 2 (facilities for Unit 3,4, & 5 and common for Unit #3,4,& 5) BOQ has been given above, Bidder shall quote unit rate as well as total price for Supply in the given price format.				

**ANNEXURE II: PRICE BREAKUP FOR SERVICE PART**

<b>NAME OF PROJECT:</b>	<b>5X800 MW TSGENCO YADADRI TPP(STAGE 2)</b>
<b>NAME OF PACKAGE:</b>	<b>VENTILATION PACKAGE-AWU &amp; UAF</b>
<b>TECHNICAL SPECIFICATION:</b>	<b>PE-TS-417-554-A004</b>

<b>S. No.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>Unit Price (INR)</b>	<b>Total Price (INR)</b>
<b>1.0</b>	Total lumpsum firm prices for <b>Services</b> part comprising of Supervision of Erection & Commissioning, supervision of trial run at site and supervision of Performance guarantee at site, 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.	1	LOT		₹ -
<b>2.0</b>	<b>Break Up Prices of 1.0</b>				
<b>2.1*</b>	Total lump sum prices for visits (should include travel expenses to/ fro site, visa/ insurance (if applicable), intermediary stay) for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	4	Nos.		₹ -
<b>2.2*</b>	Total lump sum prices for Supervision of erection and commissioning, supervision of trial run at site and supervision of Performance guarantee at site (in days) for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	30	days		₹ -

Note:

- No. of days at site defined at S.N. 2.2 above shall be calculated on the basis of presence at site (travel time is excluded).
- No. of Visits and days for Site assessment during contract stage may vary depending on site requirement. Any variation in no. of visits & no. of days shall be exercised based on unit rate arrived from S.N. 2.1 & 2.2 above respectively.
- Payment of supervision services shall be made to the bidder as per unit rate quoted by them for 'per-day' irrespective of number of experts (Mechanical, C&I, Electrical etc.) deployed by them for supervision

### ANNEXURE-III LIST OF MANDATORY SPARES

NAME OF PROJECT:		5X800 MW TSGENCO YADADRI TPS (STAGE 2)		
NAME OF PACKAGE:		VENTILATION SYSTEM - AWU & UAF		
TECHNICAL SPECIFICATION:		PE-TS-417-554-A004		
S. No.	DESCRIPTION	UNIT	Qty	Total Ex-Works Price (INR)
	EQUIPMENT / PACKAGE			
1*	<b>Ventilation System (Mechanical)</b>			
1.1*	<b>Centrifugal fans</b>			
1.1.1*	Sets of bearings for Air washer fans	Set	3 Set for each Type of Fan	
1.1.2*	Sets of bearings for U.A.F. fans	Set	3 Set for each Type of Fan	
1.1.3*	Impeller for the Fan	Set	3 Set for each Type of Fan	
1.2*	<b>Centrifugal pumps</b>			
1.2.1*	Set of bearings for Air washer pumps	Set	3 Set for each Type and rating of Pump	
1.2.2*	Set of bearings for U.A.F. pumps	Set	3 Set for each Type and rating of Pump	
1.2.3*	Gland packing, shaft sleeve & casing wearing ring	Set	3 Set for each Type and rating of Pump	
1.2.4*	Impeller for the Pump	Set	3 Set for each Type and rating of Pump	
1.3*	<b>Spray Nozzles</b>			
1.3.1*	Spray nozzles for air washer unit	Nos.	15% of total installed quantity	
1.3.2*	Spray nozzles for U.A.F. unit	Nos.	15% of total installed quantity	
1.4*	<b>SS Filters</b>			
1.4.1*	SS Filter for Air washer	Nos.	30% of total installed quantity	
1.4.2*	SS Filter for Unitary air filtration unit	Nos.	30% of total installed quantity	
1.5*	<b>Flow Regulating Valve</b>			
1.5.1*	For Air Washer	Nos.	30% or minimum 3 Nos. Whichever is higher	
1.5.2*	For Unitary Air Filtration Unit	Nos.	30% or minimum 3 Nos. Whichever is higher	
1.6*	<b>Basket for POT Strainer</b>			
1.6.1*	Strainer Basket for Air Washer	Nos.	3 Nos. For each type and size	
1.6.2*	Strainer Basket for Unitary Air Filtration unit	Nos.	3 Nos. For each type and size	
1.7*	<b>Valves</b>			
1.7.1*	Gate valve for Air washer	Nos.	30% or minimum 3 Nos. Whichever is higher	
1.7.2*	NR Valve for Air washer	Nos.	30% or minimum 3 Nos. Whichever is higher	
1.7.3*	Gate valve for Unitary Air Filtration Unit	Nos.	30% or minimum 3 Nos. Whichever is higher	
1.7.4*	NR valve for Unitary Air Filtration Unit	Nos.	30% or minimum 3 Nos. Whichever is higher	
1.7.5*	Gate Valve for Make-up Drain of Air washer	Nos.	30% or minimum 3 Nos. Whichever is higher	
1.7.6*	Gate valve for UAF	Nos.	60% or minimum 3 Nos. Whichever is higher	
2*	<b>Ventilation System (Electrical)</b>			
2.1*	<b>Electrical Spares for panels</b>			
2.1.1*	Control Supply Transformer	Nos.	4 Nos. of each type and rating	
2.1.2*	Contractor	Nos.	4 Nos. of each type and rating	
2.1.3*	Coils for contractor & aux. contractor	Nos.	10 Nos. for each contractor	
2.1.4*	Main & Aux. Contacts sets for contractor and Aux. Contractor	Set	10 Sets. For each contractor	
2.1.5*	Air Break Switch	Nos.	2 Nos. for each rating	
2.1.6*	Control, Isolating and selector switches	Nos.	10% of each type and rating	
2.1.7*	MCB/ MCCB	Nos.	20% of installed quantity	
2.1.8*	Circuit Breaker	Nos.	2 Nos. for each rating	
2.1.9*	Indicating Lamps	Nos.	20% of installed quantity	
2.1.10*	Indicating Lamps cover of different colour and holders	Nos.	10% of installed quantity	
2.1.11*	Push Buttons of various colours	Nos.	20 nos. of each type and colour	
2.1.12*	Terminal Blocks	Nos.	10% of installed quantity	
2.2*	<b>Electrical Spares for Motors</b>			
2.2.1*	Terminal plates	Nos.	30 Nos. each for small motors up to 30KW and 12 Nos. each for motors above 30KW	
2.2.2*	Heaters	Set	3 Set for each motor of rating above 30KW	
2.2.3*	Greasing arrangements	Set	12 sets for each type of motors	
2.2.4*	Motors below 0.75 KW	Nos.	20% of the installed quantity or minimum 2 nos. whichever is higher	
2.2.5*	Bearings (DE & NDE)	Nos.	12 sets of each type and rating	

### ANNEXURE-III LIST OF MANDATORY SPARES

NAME OF PROJECT:		5X800 MW TSGENCO YADADRI TPS (STAGE 2)		
NAME OF PACKAGE:		VENTILATION SYSTEM - AWU & UAF		
TECHNICAL SPECIFICATION:		PE-TS-417-554-A004		
S. No.	DESCRIPTION	UNIT	Qty	Total Ex-Works Price (INR)
	EQUIPMENT / PACKAGE			
2.3*	<b>Motor</b>			
2.3.1*	<b>415 Volt Motor (above 30KW Rating upto 200KW)</b>			
2.3.1.1*	End Shield Cover Driving & Non-Driving End	Sets	3 sets. for each type and rating of Motor	
2.3.1.2*	Driving End & Non-Driving End Bearing	Sets	3 sets. for each type and rating of Motor	
2.3.1.3*	Cooling Fan	Nos.	3 nos. for each type and rating of Motor	
2.3.1.4*	Motors Space Heater	Nos.	3 nos. for each type and rating of Motor	
2.3.1.5*	Motor Terminal Block	Nos.	3 nos. for each type and rating of Motor	
2.3.1.6*	Complete Set of Coupling	Set	3 Set for each Application	
2.3.2*	<b>415 Volt Motor (Upto 30KW Rating)</b>			
2.3.2.1*	Driving End & Non-Driving End Bearing	Set	9 Set for each type and rating of Motor	
2.3.2.2*	Cooling Fan	Nos.	6 nos. for each type and rating of Motor	
2.3.2.3*	Motor Terminal Block	Nos.	15 nos. for each type and rating of Motor	
2.3.2.4*	Complete Set of Coupling	Set	3 Set for each Application	
3*	<b>Ventilation System (C&amp;I)</b>			
3.1*	Transmitters/ Gauges/Switches etc. along with relevant accessories	Nos.	30% of total or at least TWELVE (whichever is higher) for each type along with accessories.	
3.2*	Temperature Element (RTD/Thermo-couple) with thermowell	Nos.	30% of each type , range and immersion length . Minimum 30 nos.	
3.6*	<b>Process Connection Piping (Impulse piping/tubing, sampling piping / tubing &amp; air supply piping as applicable)</b>			
3.6.1*	Valves of all types	Nos.	30% of each type, class, size & model	
3.6.2*	Valve Manifolds (2 way/3 way/5 way)	Nos.	30% of each type, class, size & model	
3.6.3*	Fittings	Nos.	30% of each type, class, size & model	
3.6.4*	Filter Regulators	Nos.	60% of each model	
3.7*	<b>Dampers</b>			
3.7.1*	Actuator Diaphragm	Set	3 set for each damper	
3.7.2*	O-Ring set	Nos.	6 nos. of each size for positioner	
3.7.3*	Feedback Linkage	Nos.	3 nos. for each type	
3.7.4*	Packing & gasket	Nos.	3 nos. for each type	
3.8*	<b>Solenoid Valves</b>			
3.8.1*	Solenoid Valve Coil	Nos.	6 nos. of each rating & insulation	
3.8.2*	Plunger	Nos.	3 nos. of each type	
3.8.3*	Seat	Nos.	6 no. of each type & size	
3.8.4*	Gaskets	Set	6 sets of each type & size	
3.8.5*	O-Ring set	Set	15 sets of each type & size	
3.9*	<b>Actuator</b>			
3.9.1*	Complete set of Actuator	Nos.	3 Nos. for each type and rating	
3.9.2*	Limit Switch	Nos.	9 Nos each type and rating	
3.9.3*	Torque Switch	Nos.	9 Nos each type and rating	
3.9.4*	Auxiliary Contact	Nos.	3 nos. each type and rating	
3.9.5*	Motor	Nos.	3 nos. each type and rating	
3.9.6*	Complete Seal kit	Set	3 Set for each type and rating	
3.9.7*	Complete O-Ring Set	Set	3 Sets	
3.9.8*	Electronic Card	Nos.	Three(3) for each type/make	
3.9.9*	Feedback Assembly (4-20mA) for Inching type	Nos.	Three(3) for each type/make	
3.1*	<b>Control Valves</b>			
3.10.1*	Pneumatic Control Valves & Block Valves			
3.10.1.1*	Plot Relay	Set	3 sets for each valve	
3.10.1.2*	Actuator Diaphragm	Nos.	3 nos. for each valve	
3.10.1.3*	Feedback Linkage	Nos.	3 nos. for each valve	
3.10.1.4*	Smart Positioners	Nos.	30% of total quantity of each model/type	
3.10.1.5*	I/P Converters (If any)	Nos.	30% of total quantity or minimum 90 nos.	
3.10.1.6*	Complete Consumables for Valve Viz. O-ring, Gland Packing, Packing Ring, Bonnet Seal etc.	Sets	6 Sets each size, rating, type	
3.10.1.7*	Valve Disc	Sets	6 Sets each size, rating, type	
3.10.1.8*	Valve Spindle	Sets	6 Sets each size, rating, type	

### ANNEXURE-III LIST OF MANDATORY SPARES

NAME OF PROJECT:		5X800 MW TSGENCO YADADRI TPS (STAGE 2)		
NAME OF PACKAGE:		VENTILATION SYSTEM - AWU & UAF		
TECHNICAL SPECIFICATION:		PE-TS-417-554-A004		
S. No.	DESCRIPTION	UNIT	Qty	Total Ex-Works Price (INR)
	EQUIPMENT / PACKAGE			
3.10.1.9*	Valve Seat	Sets	6 Sets each size, rating, type	
3.10.1.10*	Bush	Sets	6 Sets each size, rating, type	
3.10.1.11*	Guide	Sets	6 Sets each size, rating, type	
3.10.1.12*	Guide Bush	Sets	6 Sets each size, rating, type	
3.10.1.13*	Coupling Nut	Sets	6 Sets each size, rating, type	
3.10.1.14*	Actuator Piston with Rod & Seal	Sets	6 Sets each size, rating, type	
3.10.1.15*	Control valve stem packing and spare operator moulded rubber diaphragms	Sets	3 sets for each size, rating, type	
3.10.1.16*	Valve trim (including cage, plug, stem, seat rings, guide bushings etc.) for each of the control valves as offered.	Sets	3 sets for each size, rating, type	
3.10.1.17*	Solenoid valves, position transmitters, limit switches, I/P convertors, positioners etc. of each type	Nos.	10% of total quantity spare with minimum 6 no. for each size, rating, type	
3.11*	Control Panel/ Desk			
3.11.1*	Back-up panel mounted devices (Selector switches/ Push buttons/ Indicators etc.)	Nos.	15% of installed capacity	
3.11.2*	Lamps/ LEDs	Nos.	300% of the total quantity	
3.11.3*	Blank Tiles	Nos.	30% of installed capacity	
3.11.4*	MCBs	Nos.	30% of each type & rating	
3.11.5*	Fuses/ Fuse holder	Nos.	300% of each type & rating	
3.12*	Alarm/ Annunciation system			
3.12.1*	Each type of module	Nos.	3 no. each	
3.12.2*	Lamp box with Facia & Lamps (LED type)	Nos.	10% of total quantity or minimum 60 nos.	
3.12.3*	Hooter	Nos.	3 no.	
Total				₹ -
Notes:				
a)	Mandatory spares listed in Price Schedule are 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 bidder's scope of supply.			
b)	"One (1) Set" and "One (1) set of each type & rating" is defined as total numbers as required for one complete replacement for one equipment of similar size & capacity.			
c)	In case any spare indicated in the specification is "not applicable" for particular equipment, then suitable applicable alternate spare shall be supplied by the bidder without any financial implication."			
d)	For quantities indicated in percentage, fractions are to be rounded-off to next higher integer.			
e)	Bidder to write "Quoted / Not Applicable" against all items. Any item which is quoted as "not applicable" by the bidder in the above list and is found to be "applicable" at a later date shall be supplied by the bidder without any commercial and delivery implication.			
f)	Any cell left blank in the unpriced schedule shall be treated as "Quoted" and is included in total price.			
g)	Bidder to note that even though there may be some spares which are repetitive at various sl.no mentioned above, bidder to ensure that prices are quoted against each sl.no. In case any cell is left blank in the unpriced schedule shall be treated as "quoted" and included in total price.			
h)	The bidder shall furnish rates for variable item (marked *) for necessary adjustment (plus or minus) variation during detailed Engg. stage. The rates quoted above shall be proportionately considered for quantity adjustment. Rates shall be valid throughout the contract.			

**ANNEXURE IV**

**PRICE IMPACT FORMAT**

**(DUE TO APPROVAL OF NEW MAKE (OTHER THAN ALREADY APPROVED MAKES) OF AWU &UAF BY CUSTOMER)**

<b>NAME OF PROJECT:</b>	<b>5X800 MW TSGENCO YADADRI TPP(STAGE 2)</b>
<b>NAME OF PACKAGE:</b>	<b>VENTILATION SYSTEM -AWU &amp;UAF</b>
<b>TECHNICAL SPECIFICATION:</b>	<b>PE-TS-417-554-A004</b>

<b>S. No.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>NATURE OF IMPACT</b>	<b>NEGATIVE IMPACT on Total Ex-works (Percentage of original price quoted by bidder in price bid)</b>
<b>1.0</b>	Total lumpsum firm PRICE IMPACT for <b>SUPPLY PART, SERVICE PART &amp; MANDATORY SPARES</b> on EX-Works basis exclusive of all prevailing taxes, duties and other levies for acceptance of change in make of axial fans				
<b>2.0</b>	<b>MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE</b>				
<b>2.1</b>	Total lumpsum firm PRICE IMPACT for <b>SUPPLY PART</b> on EX-Works basis exclusive of all prevailing taxes, duties and other levies for acceptance of change in make of AWU & UAF	Lot	1	<b>NEGATIVE</b>	
<b>2.2</b>	Total lumpsum firm PRICE IMPACT for <b>SERVICE PART</b> on EX-Works basis exclusive of all prevailing taxes, duties and other levies for acceptance of change in make of AWU & UAF	Lot	1	<b>NEGATIVE</b>	
<b>2.3</b>	Total lumpsum firm PRICE IMPACT for <b>MANDATORY SPARES</b> on EX-Works basis exclusive of all prevailing taxes, duties and other levies for acceptance of change in make of AWU & UAF	Lot	1	<b>NEGATIVE</b>	

Notes-

- Bidder to note that impact prices as envisaged above shall be negative only.
- Positive price impact if quoted by bidder shall be considered as 'Zero'.
- Bidder shall furnish the declaration regarding make of AWU/UAF, attached at Section 2 Sub Section 6 of tender specification.

**APPENDIX-A**

<b>NAME OF PROJECT:</b>		<b>5X800 MW TSGENCO YADADRI TPS (STAGE 2)</b>		
<b>NAME OF PACKAGE:</b>		<b>VENTILATION SYSTEM -AWU &amp;UAF</b>		
<b>TECHNICAL SPECIFICATION No:</b>		<b>PE-TS-417-554-A004</b>		
<b>SL NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>Stage # 2 Qty</b>	<b>Total Ex-Works Price (INR)</b>
1	Measuring tape	NO	1	
2	Tachometer	NO	1	
3	Double ended spanner	SET	1	
4	Ring spanners	SET	1	
5	Gasket punch	NO.	1	
6	Center punch	NO.	1	
7	Hammer with wooden handles	NO.	1	
8	Scissors for sheet metal cutting	NO.	1	
9	Torch light (suitable for 2 cells)	NO.	1	
10	Multimeter	NO.	1	
11	Anemometer	NO.	1	
12	Compound pressure gauge	NO.	1	
13	Slide wrench 8"	NO.	1	
14	Slide wrench 10"	NO.	1	
15	Slide wrench 6"	NO.	1	
16	Box spanner set	SET	1	
17	Screw driver set	SET	1	
18	Align key set	SET	1	
19	MS tool box	NO	1	
<b>TOTAL</b>				₹ -
<b>NOTES</b>				
1	ABOVE IS THE MINIMUM LIST. ANY OTHER TOOL / TACKEL REQUIRED FOR THE SYSTEM SHALL ALSO BE PROVIDED BY THE VENDOR WITHOUT ANY COST IMPLICATION.			

**APPENDIX - B**  
**Commissioning spares**

<b>NAME OF PROJECT:</b>		<b>5X800 MW TSGENCO YADADRI TPS (STAGE 2)</b>		
<b>NAME OF PACKAGE:</b>		<b>VENTILATION SYSTEM-AWU &amp; UAF</b>		
<b>TECHNICAL SPECIFICATION No:</b>		<b>PE-TS-417-554-A004</b>		
<b>SL NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>Stage # 2 Qty</b>	<b>Total Ex-Works Price (INR)</b>
1	FAN BELTS (For each type & size)	SET	1	
2	PRESSURE GAUGE (for each type and range)	NO	1	
3	TEMPERATURE GAUGE ( for each type and range)	NO	1	
Total				₹ -
<b>NOTES</b>				
1	ABOVE IS THE MINIMUM LIST. ANY OTHER COMMISSIONING SPARE REQUIRED FOR THE SYSTEM SHALL ALSO BE PROVIDED BY THE VENDOR WITHOUT ANY COST IMPLICATION.			

**ANNEXURE-II DEVIATION SHEET (COST OF WITHDRAWAL)**

ANNEXURE-II DEVIATION SHEET (COST OF WITHDRAWAL)									
PROJECT:-					5X800 MW TSGENCO YADADRI TPP(STAGE 2)				
PACKAGE :-					VENTILATION SYSTEM-AWU & UAF				
TENDER ENQUIRY :-					E-7322/2023 Date 24.08.2023				
NAME OF THE BIDDER									
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	<b>TECHNICAL DEVIATION</b>								
1.01									
1.02									
1.03									
1.04									
1.05									
1.06									
1.07									
1.08									
2	<b>COMMERCIAL DEVIATION</b>								
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.