

**Price format for Enquiry no PW/PE/PG/YTP/E-3684/12  
Compressed Air System for 2 X 800 MW Yermarus TPP**

Clause No.	DESCRIPTION	Qty.	Unit	Unit Ex-Works Price (Rs)	Total Ex-Works Price Duly Packed (Rs)	Excise Duty Inclusive Cess= @.....%	CST / VAT = @.....%	Freight Inclusive Service Tax = @... % of exworks	Total "FOR" Site Prices (Rs.)	E & C Charges Inclusive service Tax	Grand Total
1	2	3	4	5	6	7	8	9	10=6+7+8+9	11	12=10+11
1.0	Total lumpsum firm prices for Equipment & Services as specified, comprising of design & engineering, manufacture, inspection & testing at manufacturer's works, painting at manufacturer's works, duly packed for transportation, delivery to site, unloading storage & handling at site, erection & commissioning, carrying out performance/acceptance tests at site & final painting of complete Compressed Air System consisting of Six (6) nos Instrument Air Compressors of Screw Type, Three (3) Nos. of Service Air Compressors of Oil free Screw Compressor type each complete with drive motor,intercooler,after cooler, piping, valves, instruments, interlocks and annunciations, Six (6) nos. HOC type air drying plant, Twelve (12) nos. air receivers as specified on turnkey basis in line with requirements of Specification no PE-TS-362-555-A001 including maintenance tools & tackles, start-up & commissioning spares, consumables, first fill of consumables including all taxes and duties.	1	Lot								
2.0	<b>Breakup prices for items covered in clause 1.0 above Prices for design, manufacture, inspection &amp; testing at manufacturers works &amp; supply of following items:-</b>										
2.1	Instrument Air (IA) Compressors (Oil Free Screw type) each of minimum 30 NM3/Min capacity @ 8.5 kg/cm2 (min.) discharge pressure with electric motor drive, suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system and other accessories.	6	Nos.								
2.2	Air Drying Plants Heat of compression (HOC) Rotary type/Dual Tower Type including electric heater (if applicable) of min. 30 NM3/min. capacity for IA Compressor with all instruments, control panels and other accessories as specified.	6	Nos.								
2.3	Service Air (SA) Compressors (Oil Free Screw type) each of minimum 30 NM3/Min capacity @ 8.5 kg/cm2 (min.) discharge pressure with electric motor drive, suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system and other accessories.	3	Nos.								
2.4	Air Receivers required for Compressed Air System of minimum 10 Cu.M capacity each with instruments, relief valve, drain connection with automatic trap stations and other accessories as specified.	11	Nos.								
2.5	Air Receiver minimum 02 Cu.M capacity each with instruments, relief valve, drain connection with automatic trap stations and other accessories as specified.	1	Nos.								
2.6	Common Microprocessor / PLC for group mode operation as specified in technical specification	1	Lot								
2.7	Inter connecting cooling water and compressed air piping as specified including fittings and valves, etc. for complete compressed air system.	1	Lot								
2.8	Drain piping up to the nearest drain point	1	Lot								
2.9	Field instruments as specified (with itemwise unit rates)	1	Lot								
2.1	Electronic Dew point meters	6	Nos.								



Price format for Enquiry no PW/PE/PG/YTP/E-3684/12 Compressed Air System for 2 X 800 MW Yermarus TPP											
Clause No.	DESCRIPTION	Qty.	Unit	Unit Ex-Works Price (Rs)	Total Ex-Works Price Duly Packed (Rs)	Excise Duty Inclusive Cess = @.....%	CST / VAT = @.....%	Freight inclusive Service Tax = @... % of exworks	Total "FOR" Site Prices (Rs.)	E & C Charges Inclusive service Tax	Grand Total
2.12	Total lumpsum prices for maintenance tools and tackles, start up and commissioning spares, consumables, first fill of lubricants inclusive of packing, forwarding, transportation upto site, taxes, duties, insurance, etc. (Bidder to furnish list with itemwise prices).	1	Lot								
2.13	Total lumpsum prices for carrying out PG Test at site	1	Lot								
3.00	Total CIF values (in terms of "Euro"/US \$ and correspondingly in INR as on date) included in Sl. No. 1.00.00 (Please furnish list of imported items envisaged)										
<b>Note</b>											
1	For soft link communication between PLC/Microprocessor based common panel and DDCMIS, the bidder shall supply panel end modem and BHEL shall supply the DDCMIS modem. Communication cable between modem to modem shall be in bidder's scope. Communication protocol between the modems shall be MODBUS and the maximum communication time for receipt of signal at DDCMIS end should not exceed 2 seconds.										
2	Bidder must submit prices in the Pro Forma duly filled in signed and stamped on every page without any ambiguity. The price shall be written against each item. Term such as "refer covering letter" etc. are not acceptable. Extra sheet may be attached if the space provided is not sufficient										
3	Bidder to note that HOC type rotary/dual tower type ADP is acceptable. Bidder is free to quote any type of ADP. However, no commercial weightage shall be given.										
4	Price format shall not be changed by the bidder. (This format need not to be typed again)										
5	Items not specifically mentioned but deemed necessary by the tenderer for making the system completely reliable and efficient shall also be considered as if included.										

*R. Oprea*

**Price format for Enquiry no PW/PE/PG/YTP/E-3684/12**  
**Compressed Air System for 2 X 800 MW Yermarus TPP**

### LIST OF RECOMMENDED SPARES FOR 3 YEARS OF NORMAL OPERATION

### Break up price for recommended spares

[illegible]

**NOTE -**  
Bidder shall furnish unit price of Recommended spares in above format alongwith the Bid.

Роса



### Compressed Air System for 2 X 800 MW Yermarus TPP

### Break up price for COMMISSIONING SPARES

[illegible]

**NOTE -**

Bidder shall furnish unit price of commissioning spares in above format alongwith the Bid. Any part even though not mentioned in list furnished but required at later date shall be supplied free of cost.

R. 0700