



**BHARAT HEAVY ELECTRICALS LIMITED**  
**PROJECT ENGINEERING MANAGEMENT, NOIDA**

Date-19-Jun-23

**CORRIGENDUM- 01**

<b>PROJECTs</b>	<b>:</b>	<b>2 x 660 MW NTPC TALCHER TPP, STAGE - III</b>
<b>PACKAGE</b>	<b>:</b>	<b>COMPRESSED AIR SYSTEM</b>
<b>GeM Bid</b>	<b>:</b>	<b>GEM/2023/B/3545520 Dated 09.06.2023</b>
<b>SUBJECT</b>	<b>:</b>	<b>DUE DATE EXTENSION + TECHNICAL AMENDMENT</b>

Type of Corrigendum			
Technical Corrigendum -	<input checked="" type="checkbox"/>	Commercial Corrigendum -	<input checked="" type="checkbox"/>

Bidders are requested to note following:

1. Due date & time of bid submission has been extended upto 29.06.2023 @03:00 PM. Bid opening shall be done at 03:30 PM on the due date.
2. Refer attached Technical Amendment # 1 to Technical Specification.

All the other terms and conditions of the tender enquiry remain unchanged. All the bidders are requested to quote accordingly.

Yours faithfully,

For and on behalf of BHEL

Sumeet Sahay  
Manager/BOP



**AMENDMENT ON TECHNICAL  
SPECIFICATION FOR COMPRESSED AIR  
SYSTEM**  
**2 X 660 MW TALCHER TPP, STAGE-III**

SPECIFICATION NO. PE-TS-497-555-A001

AMENDMENT 01

DATE 16/06/2023

The option of Oil Free Screw / Centrifugal type compressors is already there as per Cl. No. 4.00.00 of Section C2-A, Page 27 of 481. In order to avoid ambiguity, the following clause shall be read as below

Sl. no.	Cl. No.	Existing Clause	Replaced By
1	2.1 / SECTION-C1 / C1-A / PAGE 12 of 481	Four (4) Nos. (3W+ 1S) Instrument Air Compressors (Oil Free Screw type) each of minimum 55 NM3/Min capacity at 8.0 Kg/sqcm (min) discharge pressure with suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system and other accessories. Electric motor for compressors are excluded from bidder's scope.	Four (4) Nos. (3W+ 1S) Instrument Air Compressors (Oil Free Screw / <b>Centrifugal</b> type) each of minimum 55 NM3/Min capacity at 8.0 Kg/sqcm (min) discharge pressure with suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system and other accessories. Electric motor for compressors are excluded from bidder's scope.
2	2.3 / SECTION-C1 / C1-A / PAGE 12 of 481	Three (3) Nos. (2W+1S) Service Air Compressors (Oil Free Screw type) each of minimum 55 NM3/Min capacity at 8.0 Kg/sqcm (min) discharge pressure with suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system and other accessories. Electric motor for compressors are excluded from bidder's scope. In addition, the service air (SA) compressor may be used for instrument air system connecting ADP with service air compressor in case of failure of instrument air compressor.	Three (3) Nos. (2W+1S) Service Air Compressors (Oil Free Screw / <b>Centrifugal</b> type) each of minimum 55 NM3/Min capacity at 8.0 Kg/sqcm (min) discharge pressure with suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system and other accessories. Electric motor for compressors are excluded from bidder's scope. In addition, the service air (SA) compressor may be used for instrument air system connecting ADP with service air compressor in case of failure of instrument air compressor.
3	2.1.3 of Price Format	Service air Compressors (Oil Free Screw type) each of minimum 55 NM3/Min capacity @ 8.0 kg/cm <sup>2</sup> (min.) discharge pressure with suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system, cable lugs, glands and other accessories (as required / as specified) but excluding electric motor drive.	Service air Compressors (Oil Free Screw / <b>Centrifugal</b> type) each of minimum 55 NM3/Min capacity @ 8.0 kg/cm <sup>2</sup> (min.) discharge pressure with suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system, cable lugs, glands and other accessories (as required / as specified) but excluding electric motor drive.

## ANNEXURE-I

<b>NAME OF PROJECT:</b>	<b>2 X 660 MW TALCHER TPP, STAGE-III</b>
<b>NAME OF PACKAGE:</b>	<b>COMPRESSED AIR SYSTEM</b>
<b>TECHNICAL SPECIFICATION:</b>	<b>PE-TS-497-555-A001</b>

S. No.	DESCRIPTION	UNIT	QTY	Unit Ex-Works Price (INR)	Total Ex-Works Price (INR)
	<b>BREAK-UP OF SUPPLY PRICES GIVEN IN 2.1 OF MAIN SHEET.</b>				
2.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for <b>Supply part</b> comprising of manufacturing, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables alongwith spares for erection (as required), startup spares (as required) and commissioning spares (as specified), <b>parts/spares required during warranty period (against defects in design, materials, construction and workmanship)</b> , 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.	Lot	1		
	Break up prices for items covered in clause 2.1 above.				
2.1.1	Instrument air Compressors (Oil Free Screw type / Centrifugal type) each of minimum 55 NM3/Min capacity @ 8.0 kg/cm2 (min.) discharge pressure with suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system, cable lugs, glands and other accessories (as required / as specified) <b>but excluding electric motor drive.</b>	Nos.	4		₹ -
2.1.2	Air Drying Plants HOC type (Twin Tower / Rotary Drum) of minimum 55 NM3/min. capacity for Air Compressor with all instruments, control panels, including Electronic dew point meter and other accessories as specified.	Nos.	4		₹ -
2.1.3	Service air Compressors (Oil Free Screw type / Centrifugal type) each of minimum 55 NM3/Min capacity @ 8.0 kg/cm2 (min.) discharge pressure with suction filter with silencer, inter cooler and after cooler with moisture separators, automatic drain traps, instruments, control system, cable lugs, glands and other accessories (as required / as specified) <b>but excluding electric motor drive.</b>	Nos.	3		₹ -
2.1.4	Air Receivers required for Compressed Air System of minimum 10 Cu.M capacity each with instruments, relief valve, isolation valve, drain connection with automatic trap stations (zero purge air loss type) and other accessories as specified.	Nos.	12		₹ -
2.1.5	Air Receivers required for Compressed Air System of minimum 02 Cu.M capacity each with instruments, relief valve, isolation valve, drain connection with automatic trap stations (zero purge air loss type) and other accessories as specified.	No.	1		₹ -
2.1.6	Inter connecting cooling water, drain piping and compressed air piping as specified including fittings and valves etc. for complete Compressed air system.	Lot	1		₹ -
2.1.7	Instruments as specified.	Lot	1		₹ -
2.1.8	Interface module(s), JB's for the overall control & monitoring of compressed air system through DDCMIS including common Sequencing Panel.	No.	1		₹ -
2.1.7	Operational spares (as per Annexure-VI) for Compressed air system.				
a	Lube oil (Qty. for 1 Lot in Ltr. shall be as per oil tank capacity for One Compressor)	Lot	2		₹ -
b	Lube oil filters with seals	Nos.	14		₹ -
c	Air filters with gaskets	Nos.	14		₹ -
d	Service kit including seals, washers and rings for inter cooler & after cooler (as applicable)	Nos.	7		₹ -
<b>Grand total</b>					₹ -