



Project Group III
Power Sector, Project Engineering Management
Bharat Heavy Electricals Limited
NOIDA

Project	2 X 800 MW NTPC KARIMANAGAR SG PKG PHASE I
Package	VENTILATION SYSTEM
Enquiry Ref.	PE/PG/NK1/E-5515/2016 Dt: 18-03-2017
Due Date	20.04.2017 10:00 AM IST
Subject	Corrigenda-01 dated 11.04.2017

1. Please find enclosed **ADDENDUM No. 01 to technical specification no. PE-TS-424-554-A001_Rev 00**, Ventilation System for the subject project. Please comply the same.

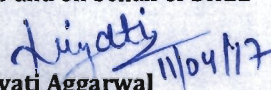
Bidders who have already submitted their quotations, please give specific compliance to ADDENDUM No. 01 to technical specification and its enclosures.

2. The due date for tender submission is now extended up to **20/04/2017 (10:00AM IST)**

Please ensure submission of offer before due date. Also note that no further extension shall be provided.

Thanking You.

For and on behalf of BHEL


Niyati Aggarwal
(Sr.Engr./PG-III/BHEL-PEM)
E-Mail: niyatig@bhelpem.co.in
PH. No. +91-120 4368726



**2x800MW NTPC TELANGANA STPP PHASE-I
(SG PACKAGE)
VENTILATION SYSTEM**

SPECIFICATION NO.PE-TS-424-554-A001

ADDENDUM No. 1

DATE: 11.04.2017

SHEET 1 OF 10

**2X800MW NTPC TELANGANA STPP PHASE-I
(SG PACKAGE)**

ADDENDUM No. 1

(TECH SPEC No. PE-TS-424-554-A001 Rev 00)

VENTILATION SYSTEM



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ADDENDUM No. 01 TO THE TECHNICAL SPECIFICATION PE-TS-424-554-A001 Rev 00

AMENDMENT TO EXISTING CLAUSES OF THE TECHNICAL SPECIFICATION

S.No	SECTION / SUB-SECTION / CLAUSE / PAGE NO.	Existing Description	To Be Read As (Amendment)
1.	Section-I, Sub-section C1A, Clause no. 5 General (Stamp running page 40 of 600)	New additional general point at Sr. No. 41 added.	"Structure for running the ventilation ducting outside the building shall be provided by BHEL, however all secondary supports for securing the duct with this structure shall be in vendor's scope. Input required for this structure shall be provided by vendor. Further all structure / support etc. required for ducting within the building shall be in vendor's scope."
2.	Section-I, Sub-section C1A, Clause no. 9 Exclusion (Stamp running page 44 of 600)	Sr. No. 6 "Structure for running the ventilation ducting header outside 'A' Row of TG building, however required inputs shall be provided by the vendor".	Please read the clause as "Structure for running the ventilation ducting outside the building. However, required inputs shall be provided by the vendor".
3.	Section-I, Sub-section C5, Annexure-I, (Stamp running page 479 of 600)	LIST OF MAKES OF SUB-VENDOR ITEMS FOR VENTILATION SYSTEM (Stamp running page 479 to 486)	Revised Section I: Specific Technical Requirements, sub section-C5, Annexure I LIST OF MAKES OF SUB VENDOR ITEMS, shall be read as attached Appendix "A".



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Appendix "A"

LIST OF MAKES OF SUB VENDOR ITEMS

SL No	ITEM	VENDOR
1	AIR WASHER & UAF*	HYDERABAD POLLUTION CONTROL
		SK SYSTEM
		ADVANCE VENTILATION
		DRAFT AIR
		BLUE STAR
		VOLTAS
		STERLING WILSON
		ROOTS COOLING SYSTEM
		C DOCTOR
		TAP
		PACK PLAST
		INDUSTRIAL PROJECTS AND PRODUCTS
2	CENTRIFUGAL FAN	FLAKT
		KRUGER
		DRAFT AIR
		HYDERABAD POLLUTION CONTROL
		ADVANCE VENTILATION
		PATEL AIR
		NICOTRA
		SK SYSTEM
		MARATHON
		CB DOCTOR
		SARLA
		COMEFRI
3	FRESH AIR/ SUPPLY/ EXHAUST/ RE UNIT FANS / PROPELLAR	HYDERABAD POLLUTION CONTROL
		SK SYSTEM
		ADVANCE VENTILATION
		KRUGER
		NICOTRA
		MARATHON
		FLAKT
		CB DOCTOR
		SARLA (SITAL)
		PATEL AIR
		KHAITAN
4	PUMPS	BEST & CROMPTON
		JYOTI



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		SAM TURBO
		KBL
		KSB
		M&P
		VOLTAS
		BEACON-WEIR
		WORTHINGTON
		FLOWMORE
		SULZER PUMPS INDIA LTD.
		BHARAT PUMPS & COMPRESSORS LTD
		FLOWSERVE INDIA CONTROL PVT LTD
		V-FLOW PUMPS & SYSTEMS CO
		KISHORE PUMPS
5	LV MOTORS (FLAME PROOF)	SIEMENS
		ABB
		CGL
		MARATHON
		KEC
		BHARAT BIJLEE
		BHARAT ELECTRIC
		NGEF
		JYOTI
		LHP
6	LV MOTORS (NON FLAME PROOF)	SIEMENS
		ABB
		CGL
		MARATHON
		KEC
		BHARAT BIJLEE
		BHARAT ELECTRIC
		NGEF
		JYOTI
		LHP
7	AIR FILTER	PUROLATOR
		FMI
		ANFILCO
		TENACITY
		JOHN FOWLER
		SPECTRUM
		AIR TECH
		PUROMATIC
8	INSULATION MATERIAL	BEARDSHEL
		K-FLEX



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		PARAMONT
		ARMAFLEX
		SUPREME
		LLOYDS
		UP TWIGA
		AEROCELL
9	FIRE DAMPER	TSC
		CARRYAIRE
		RAVISTAR (SYSTEM AIR)
10	BUTTERFLY VALVES	AUDCO
		FOURESS ENGG
		INTER VALVE
		BDK
		WEIR BDK
		TYCO
		CRANE PROCESS
		KEYSTONE
		FLUIDLINE
		INSTRUMENTATION LTD
		R AND D MULTIPLES (METAL CAST) PVT LTD
		SURYA VALVES AND INSTRUMENTS MFG CO
		PENTAIR VALVES AND CONTROLS INDIA PRIVATE LIMITED
		UPADHAYA VALVES MANUFACTURERS PRIVATE LIMITED
		VENUS PUMPS AND ENGG. WORKS
11	NON RETURN VALVE	LEADER VALVES
		H SARKAR
		FLUIDLINE
		HI-TECH
		CRESCENT VALVES
		A V VALVES
		BANKIM
		SHIVADURGA
		SURYA VALVES AND INSTRUMENT MANUFACTURING
		ATAM VALVES
		GM DAULI & SONS
		KBL
		VENUS PUMPS AND ENGINEERING WORKS
12	STEEL GATE/GLOBE/NR VALVES(WATER SYSTEM)	CRESCENT VALVES
		BDK
		AUDCO



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		FOURESS ENGG
		KIRLOSKAR BROTHERS LTD.
		SANT VALVES
		BOMBAY METAL & ALLOYS
		BANKIM
		LEADER VALVES
		H SARKAR
		AV VALVES
		VENUS PUMPS
		FLUIDLINE
		HI –TECH
		SHIVADURGA
		SURYA VALVES AND INSTRUMENT MANUFACTURING
		ATAM VALVES
		GM DAULI & SONS
		KBL
13	Pipes (MS/GI) - ERW	SURYA ROSHNI
		TISCO
		DADU PIPES
		INDUS TUBES
		WELSPUN
		TATA
		BST
		JINDAL
		SAIL
		PSL
		LALIT PROFILE
		SAMSHI PIPE INDUSTRIES
		S MUKUT PIPES
		MANN INDUSTRIES
		SURENDRA ENGINEERING
		PRATIBHA PIPES AND STRUCTURES PVT LTD
		JCO GAS PIPES
		NUKAT TANK AND VESSELS
		GOODLUCK TUBES
		ADVANCE STEEL TUBES
		BIHAR TUBES
		HITECH PIPES
		RATNAMANI
		MAHARASHTRA SEAMLESS
14	GI SHEETS FOR DUCTING	TISCO
		INDIAN IRON & STEEL CO



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		RASHTRIYA ISPAT NIGAM LIMITED
		ESSAR
		ISPAT INDUSTRIES
		JSW
		LLOYDS
		BHUSHAN STEELS
		TATA
		SAIL
		JINDAL
15	GRILL/DIFFUSER/VOLUME CONTROL DAMPER	AIR FLOW
		TSC
		AIR MASTER
		CARRYAIRE
		RAVISTAR (SYSTEM AIR)
16	HUMID STAT	JHONSON CONTROL
		HONEYWELL AUTOMATION
		PENN
17	PRESSURE/ DIFF. PRESSURE GAUGE	GENERAL INSTRUMENT CONSORTIUM
		BELLS CONTROLS LTD
		H. GURU IND
		WAAREE INSTRUMENTS
		H. GURU INST
		Forbes Marshall
		Manometer India
		A. N Instrument
		Gauges Bourdon
		GLUCK INDIA
		WIKI.
		ASHCROFT INDIA PVT LTD.
		BAUMER TECHNOLOGIES INDIA PVT. LTD.
		PRECISION MASS PRODUCTS
		BOSE PANDA INSTRUMENTS PVT.LTD.
18	TEMPERATURE GAUGE	H. GURU IND
		H. GURU INST
		FORBES MARSHALL
		DETRIVE INST & ELECTRONICS
		PYRO ELECTRIC
		TOSHNIWAL
		BROSS
		WAREE INSTRUMENTS
		A. N Instrument
		GOA INSTRUMENTS
		WIKI



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		ASHCROFT INDIA PVT LTD.
		H. GURU IND
		BAUMER TECHNOLOGIES INDIA PVT. LTD.
		GOA THERMOSTATIC
		Gauges Bourdon
		BUDENBERG GAUGE
		PRECISION MASS PRODUCTS
19	LEVEL INDICATOR	GENERAL INSTRUMENT CONSORTIUM
		CHEMTROL
		SBEM
		AUTOMAT MUMBAI
		SIGMA
		TOSHNIWAL
		TECHNOMATIC
		TELACO
		LEVCON
		D K INSTRUMENTS
		PUNE TECHTROL
		FLOW STAR
		BLISS ANAND
20	PRESSURE/ DP/ VACUUM/ TEMPERATURE SWITCH	BELLS CONTROLS LTD
		DANFOSS
		DK INSTRUMENTS
		DRESSER
		SOR INC
		VASU
		SWITZER INSTRUMENT LTD.
		INDFOSS
		TRAFAG
		GIC
		ASHCROFT INDIA PVT LTD.
		KASTURBA UDYOG
		BARKSDALE GMBH
		PRECISION MASS PRODUCTS
		MITTAL REFRIGERATION
21	LEVEL SWITCH-FLOAT TYPE	SBEM
		BLISS ANAND
		HI-TECH
		RAMAN INST
		SIGMA
		SOR INC
		WAREE INST
		LEVCON



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		DK INSTRUMENTS
		V AUTOMAT
		CHEMTROL
		SIEMENS
		FLOW STAR
		TRAC
		FLOW TECH
		NIVO CONTROLS
		PUNE TECHTROL
		SAPCON INSTRUMENT
		BAUMER TECHNOLOGIES INDIA PVT. LTD.
		GIC
22	LEVEL SWITCH- CAPACITANCE TYPE	SBEM
		BLISS ANAND
		HI-TECH
		RAMAN INST
		SIGMA
		SOR INC
		WAREE INST
		LEVCON
		DK INSTRUMENTS
		V AUTOMAT
		CHEMTROL
		SIEMENS
		FLOW STAR
		TRAC
		FLOW TECH
		NIVO CONTROLS
		PUNE TECHTROL
		SAPCON INSTRUMENT
		BAUMER TECHNOLOGIES INDIA PVT. LTD.
		GIC
23	Y / POT STRAINER	MULTITEX
		GREAVES COTTON
		JAYPEE
		SANT VALVES
		OTOKLIN
		GRAND PRIX
		GUJARAT OTOLIFT
		DS ENGG
		SAROJINI ENTERPRISE
		BHATIA ENGINEERING
		FILTRATION ENGINEERS INDIA PVT LTD



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		SUNGOV ENGINEERING
24	LOCAL CONTROL PANEL	INDUSTRIAL CONTROL & APPLIANCE
		PYROTECH ELECTRONICS PVT. LTD.
		POSITRONICS PVT. LTD.
		CONTROL & SWITCHGEAR
		SIEMENS
		L&T
		GE POWER
		RITTAL
		HOFFMAN

NOTES:

1. *Designed by Hyderabad Pollution Control / SK SYSTEM/ ADVANCE VENTILATION / DRAFT AIR/BLUE STAR/ VOLTAS/ STERLING WILSON/ROOTS COOLING SYSTEM/ C DOCTOR/ TAP/ Pack Plast/ Industrial projects and products & fabricated by their approved fabricator.
2. THE SUB VENDOR LIST ABOVE IS INDICATIVE ONLY AND IS SUBJECT TO BHEL AND CUSTOMER APPROVAL DURING DETAILED ENGINEERING STAGE WITHOUT ANY COMMERCIAL & DELIVERY IMPLICATION TO BHEL. BIDDER TO PROPOSE SUB VENDOR WITHIN 4 WEEKS OF PLACEMENT OF LOI. THEREAFTER NO REQUEST FOR ADDITIONAL SUB-VENDOR SHALL BE ENTERTAINED.
3. THE INSPECTION CATEGORY WILL BE INTIMATED AFTER AWARD OF CONTRACT BY BHEL/CUSTOMER. HOWEVER THE SAME WILL BE ADHERED BY THE BIDDER WITHOUT ANY COMMERCIAL AND DELIVERY IMPLICATION TO BHEL/ CUSTOMER.
4. PLEASE ALSO REFER RESPECTIVE SUB-SECTION C-3, C-4 FOR ELECTRICAL AND C&I RELATED EQUIPMENT LIST OF MAKE.