

S.No	Name of System/Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks for YTPS (5x800MW)
		12	Extech	Approved
51	Test RTD	1	Fluke	Approved
		2	Wika	Approved
		3	ASP Sensors	Approved
		4	Isotech	Approved
52	Frequency Counter/Timer	1	Agilent(Keysight)	Approved
		2	Tektronix	Approved
		3	Yokogowa	Approved
		4	Fluke	Approved
		5	Aplab	Not Approved
53	LVS	1	DELTA ELECTRONICS INDIA PVT. LTD. GURGAON	Approved
		2	PLANER-USA /PYROTECH-UDAIPUR	Approved
		3	BARCO ELECTRONIC SYSTEMS PVT. LTD. NOIDA	Approved
		4	CHRISTIE-USA	Approved
		5	EYEVIS GERMANY	Not Approved
		6	MITSUBISHI ELECTRIC INDIA PVT. LTD. NEW DELHI	Not Approved
		7	PYROTECH ELECTRONICS (P) LTD, UDAIPUR	Not Approved
54	LCD Projector		Technical Qualification:Accepted, Provided the Projector shall have 4 K LCD and shall have SMART features.	
		1	HCL infosystem	Approved
		2	Binary Systems	Approved
		3	Orbit peripherals	Approved
		4	AA Enterprises	Approved



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		5	Shiba comp	Approved
		6	Msquare innotech	Approved
		7	Title display	Approved
55	MODULAR DESK/SERVER & PC RACK	1	ADARSHA CONTROLS SYSTEMS PVT LTD ,BANGALORE	Approved
		2	CHEMIN CONTROLS AND INSTRUMENTATION , PONDICHERRY	Approved
		3	COSMOS MEDIA PRODUCTS PVT LTD ,NOIDA	Approved
		4	HARMONY SYSTEMS ,NEWDELHI	Not Approved
		5	PYROTECH WORKSPACE SOLUTIONS PVT LTD , UDAIPUR	Approved
56	COMPUTER FURNITURE.	1	COSMOS MEDIA PRODUCTS PVT LTD ,NOIDA	Approved
		2	HARMONY SYSTEMS ,NEWDELHI	Not Approved
		3	ADARSHA CONTROLS SYSTEMS PVT LTD ,BANGALORE	Approved
		4	GODREJ AND BOYCE MANUFACTURING CO LTD, BANGALORE	Approved
		5	OTS ,BANGALORE	Approved
		6	PYROTECH WORKSPACE SOLUTIONS PVT LTD , UDAIPUR	Approved
57	WORKSTATIONS , SERVER, PC'S	1	HP	Approved
		2	FUJITSU	Not Approved
		3	IBM-LENOVO	Approved
		4	DELL	Approved
58	PRINTERS (Laser/Inkjet)	1	EPSON(Inkjet only)	Approved
		2	HP	Approved
		3	IBM	Approved
		4	CANON	Approved

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		5	XEROX	Approved
		6	LEXMARK	Approved
59	TFT MONITOR	1	HP	Approved
		2	DELL	Approved
		3	IBM-LENOVO	Approved
		4	NEC	Not Approved
		5	SAMSUNG	Approved
		6	FUJITSU	Not Approved
60	MINI UPS FOR HMI	1	HITACHI HI-REL POWER ELECTRONICS,BANGALORE	Approved
		2	VERTIV ENERGY	Not Approved
		3	SCHNEIDER ELECTRIC,BANGALORE	Approved
		4	EMERSON NETWORK INDIA,BANGALORE	Approved
		5	APLAB LIMITED ,THANE	Approved
		6	EMERSON NETWORK ,PUNE	Approved
		7	APC	Not Approved
		8	DELTA	Not Approved
61	STATION LAN / MIS EQUIPMENT	1	NETSOFT SYSTEMS & NETWORKS , BANGALORE	Approved
		2	IBM INDIA PVT LTD.	Approved
		3	TEXONIC INSTRUMENTS , BANGALORE	Approved
		4	PRISHA SYSTEMS & NETWORKS PVT LTD.	Not Approved
		5	BINARY SYSTEMS PVT LTD	Not Approved
		6	ORVA NETWORKS PVT LTD	Not Approved

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		7	WIPRO INFOTECH ,BANGALORE	Approved
		8	THETHA CONTROLS PUNE	Approved
		9	ORANGE BUSINESS SERVICES	Approved
62	OFC	1	AKSH FIBRE, BHIWADI	Approved
		2	HFCL-GOA	Approved
		3	R&M	Not Approved
		4	FINOLEX , PUNE/GOA	Approved
		5	D-LINK	Approved
		6	BIRLA ERICSSON,REWA	Approved
		7	STERLITE	Approved
		8	SCHINEDER - DIGILINK	Not Approved
		10	TERRACOM	Approved
63	EPABX System (IP Based)	1	HCL INFOSYSTEMS LTD, NOIDA (Make: ERICSSON - AASTRA)	Approved
		2	BPL TELECOM PVT LTD, BANGALORE (Make: TADIRAN / ALCATEL)	Approved
		3	PROGILITY TECHNOLOGIES PVT. LTD, NEW DELHI (Make:UNIFY-SIEMENS)	Approved
		4	ABS INDIA PVT LTD, BANGALORE (Make:ALCATEL)	Approved
		5	ITI LIMITED, BANGALORE (Make: ITI)	Approved
		6	Vijaya Enterprises, Hyderabad (Make:TADIRAN)	Approved
		7	V Link Systems (P) Ltd., Chennai (Make:TADIRAN)	Approved
		8	CLIXXO BROADBAND PVT LTD, DELHI (Make: CLIXXO)	Approved
		9	AISHAN TECHNOLOGIES PVT LTD, BANGALORE (Make: NEC)	Approved

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		10	INTELLICON PVT LTD (Make: KAREL)	Approved
		11	MVD TECHNOLOGIES PVT LTD, BANGALORE (Make: ERICSSON - AASTRA)	Approved
		12	SILK MEDIA PVT LTD, BANGALORE (Make: KAREL, MATRIX)	Approved
64	UPS System with ACDB (3 Phase Input, 1 Phase Output)	1	M/s VERTIV ENERGY, AMBERNATH (formerly M/s EMERSON NETWORK POWER, AMBERNATH)	Approved
		2	M/s HITACHI-HIREL POWER ELECTRONICS, GANDHINAGAR	Approved
		3	M/s KELTRON POWER ELECTRONICS, TRIVENDRUM	Approved
		4	M/s VERTIV ENERGY, PUNE (formerly M/s EMERSON NETWORK POWER, PUNE)	Not Approved
		5	M/s CONSUL NEOWATT POWER SOLUTIONS, PUNE	Not Approved
65	Junction Box (Metal)	1	M/s PYROTECH, UDAIPUR	Approved
		2	M/s CHEMIN CONTROLS, PONIDCHERRY	Approved
		3	M/s ELECTRO MECHANICAL (INDIA), KOLKATA	Approved
		4	M/s K.S. INSTRUMENTS, BANGALORE.	Approved
		5	M/s KHODAY CONTROL SYSTEMS, BANGALORE	Approved
		6	M/s MANISHA ENTERPRISES, PUNE	Approved
		7	M/S Gee Dee Packages, Mysore	Not Approved
		8	M/S Sajas Electricals, Tiruchirapalli	Approved
		9	M/s PRAMMEN INDUSTRIES, PUDDOKOTTAI	Approved
		10	M/S RMG Electromech Pvt Ltd, Bangalore	Not Approved
		11	M/S Hulasi metals Pvt Ltd, Jaipur	Not Approved
66	Electronic Transmitter - Pr. / Diff. Pr.	1	M/s ABB, GERMANY/ BANGALORE	Approved
		2	M/s EMERSON PROCESS, USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved

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		3	M/s FUJI, JAPAN/France	Approved
		4	M/s HONEYWELL,USA/PUNE	Approved
		5	M/s YOKOGAWA, JAPAN / BANGALORE	Approved
		6	M/s ENDRESS + HAUSER(I) AUTOMATION,INDIA	Approved
		7	M/s BALDOTA CONTROL & EQUIPMENTS PVT LTD,INDIA (SMAR MAKE)	Approved
		8	M/s SIEMENS LTD,INDIA	Approved
67	Level Transmitter (Ultrasonic type)	1	M/s P&F,INDIA	Approved
		2	M/s VEGA,GERMANY	Approved
		3	M/s FORBES MARSHALL	Approved
		4	M/s KROHNE MARSHALL	Approved
		5	M/s ABB	Approved
		6	M/s Emerson Process Management	Approved
		7	M/s SIEMENS MILLTRONICS,CANADA	Approved
		8	M/s ENDRESS+HAUSER, GERMANY/INDIA	Approved
68	Level Transmitter (RADAR type)	1	M/s EMERSON PROCESS , USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved
		2	M/s ENDRESS+HAUSER, GERMANY / INDIA	Approved
		3	M/s ABB, GERMANY/FARIDABAD	Approved
		4	M/s KROHNE MARSHALL	Approved
		5	M/s VEGA,GERMANY	Approved
		6	M/s K-TEK,USA	Approved
		7	M/s HONEYWELL,USA/INDIA	Approved
		8	M/s P&F,INDIA	Approved

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		9	M/s MAGNETROL,BELGIUM	Approved
69	HART Communicator	1	M/s MERIAM, USA	Approved
		2	M/s ABB, GERMANY / INDIA	Approved
		3	M/s EMERSON PROCESS , USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved
		4	M/s FUJI, JAPAN	Approved
		5	M/s HONEYWELL,USA/PUNE	Approved
		6	M/s GE INDIA INDUSTRIAL PVT. LTD./INDIA	Approved
		7	M/s FLUKE CORPORATION / USA	Approved
		8	M/s YOKOGAWA, JAPAN (YOKOGAWA-BANGALORE)	Approved
		9	M/s GLOBAL INSTRUMENTS	Not Approved
70	HART Management System	1	M/s EMERSON PROCESS , USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved
		2	M/s MTL, UK / INDIA	Approved
		3	M/s R.STAHL (P) LTD, CHENNAI	Not Approved
		4	M/s PEPPERL + FUCHS, GERMANY / INDIA	Approved
71	CAMERA OEM FOR CCTV SYSTEM (IP BASED)	1	PELCO-USA	Approved
		2	BOSCH	Approved
		3	HONEYWELL AUTOMATION ,BANGALORE	Approved
		4	AXIS-SWEDEN	Approved
72	System Integrators (CCTV + Patrol guard)	Technical Qualification: CCTV system integrators should have supplied and completely commissioned an IP based CCTV system having minimum 150 cameras in a Power Plant or Oil/Gas		
		1	M/s BINARY SYSTEM PVT LTD, BANGALORE	Approved
		2	M/s CMS,MUMBAI	Approved
		3	M/s HARITASA, BANGALORE	Approved

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		4	M/s HONEYWELL AUTOMATION INDIA LTD	Approved
		5	M/s NETWARE COMPUTERS, DELHI	Approved
		6	M/s NEURAL NETWORKS, MUMBAI	Approved
		7	M/s POLIXEL SECURITY SYSTEMS PVT LTD, GURGAON	Approved
		8	M/s TEXONIC INSTRUMENTS, BANGALORE	Approved
		9	M/s TOSHNIWAL INDUSTRIES PVT LTD, AJMER	Approved
		10	M/s SCORE TECHNOLOGIES, KOLKATA	Not Approved
		11	M/s SIEMENS LTD, BANGALORE	Not Approved
		12	M/s DELCOM TELESYSTEM, NEW DELHI	Not Approved
		13	M/s HEXXA GEO SYSTEM, SURAT	Not Approved
		14	M/s TECHNOCRATS SECURITY SYSTEM PVT LTD,	Not Approved
73	Cable trays	1	M/s GEE DEE PACKAGES PVT LTD, MYSORE	Approved
		2	M/s PRAMMEN INDUSTRIES, PUDUKKOTTAI	Approved
		3	M/s PATNY SYSTEMS PVT. LTD, SECUNDARABAD	Approved
		4	M/s M.J.ENGINEERING WORKS PVT. LTD, NEW DELHI	Approved
		5	M/s JAMNA METAL COMPANY, NEW DELHI	Approved
		6	M/s INNOSPACER ENGINEERING TECHNOLOGIES, BANGALORE	Approved
		7	M/s INDIA ELECTRICALS SYNDICATE, KOLKATA	Approved
		8	M/s APT ENGINEERING WORKS, NEW DELHI	Approved
		9	M/s RUKMANI ELECTRICAL & COMPONENTS PVT, KOLKATA	Approved
		10	M/s VATCO, KHAIRHNE, NAVI MUMBAI	Approved
		11	M/s KANADE ANAND UDYOG PVT. LTD, ANDHERI	Approved

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		12	M/s CHEMIN CONTROLS AND INSTRUMENTATION, PONDICHERRY	Approved
		13	M/s Silverline Power Infrastructure Pvt Ltd.	Approved
		14	M/S Indiana Gratings - Pune/Mumbai	Approved
		15	M/S Industrial Perforation, Kolkata	Approved
		16	M/S Ratan Engineerong and Projects, Kolkata	Approved
		17	M/S Steelite Engg, Mumbai	Approved
		18	M/S Amtech, Pune	Approved
		19	M/S Unitech fabricators & Engg Pvt Ltd, Kolkata	Not Approved
		20	M/S Rabi Engg, Kolkata	Not Approved
		21	M/S Premium Power Products (Cal) Pvt Ltd, Kolkata	Not Approved
		22	M/S TRG, Chennai	Not Approved
		23	M/S Passive Infra Projects Pvt Ltd, Rohtak	Not Approved
74	Pressure and Differential Pressure Gauges	1	M/s A.N.INSTRUMENTS PVT LTD CHENNAI	Approved
		2	M/s GOA STATIC INSTRUMENTS GOA	Approved
		3	M/s H.GURU INSTRUMENTS(SOUTH INDIA)PVT. BANGALORE	Approved
		4	M/s MANOMETER (INDIA) PVT. LTD., MUMBAI	Approved
		5	M/s WALCHANDNAGAR INDUSTRIES LTD. OPP. A.C MARKET, TARDEO ROAD, BAUMER	Approved
		6	Precision Mass Products Private Limited (Earlier Aschcroft)	Approved
		7	WIKA INSTRUMENTS INDIA PVT. LTD. VILLAGE - KESNAND, PUNE	Approved
		8	GIC(Gauges Bourdon), Panvel	Approved
		9	BAUMER INDIA PRIVATE LIMITED (Formerly Waaree, Mumbai)	Approved
		10	Precisemeasure Controls Pvt. Ltd	Not Approved

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		11	THERMAL INSTRUMENT INDIA PVT. LTD.	Not Approved
		12	M/s FORBES MARSHALL(HYD) LTD. HYDERABAD	Approved
75	Level Switch Capacitance Type	1	M/s LEVCON INSTRUMENTS P LTD KOLKATA	Approved
		2	M/s SBEM PRIVATE LIMITED PUNE	Approved
		3	M/sV.AUTOMAT & INSTRUMENTS PVT. LTD. NEW DELHI	Approved
		4	NIVO CONTROLS PVT LTD	Approved
		5	M/s D.K.INSTRUMENTS PVT. LTD. DHAKURIA, KOLKATA	Approved
		6	PUNE TECHTROL PVT LTD,PUNE	Not Approved
		7	IGEMA GMBH,MUNSTER,GERMANY.	Not Approved
76	Level Switch Conductivity Type	1	M/s HI-TECH SYSTEMS & SERVICES LTD CALCUTTA (M/s LEVELSTATE SYSTEMS LTD Make probe and electronics)	Approved
		2	SOLARTRON TRANSDUCER U.K	Not Approved
		3	M/s RAMAN INSTRUMENTS PVT. LTD. 29TH ROAD,BANDRA(WEST),MUMBAI,	Approved
		4	PUNE TECHTROL PVT LTD,PUNE(SYSTEM INTEGRATOR OF FOSSIL POWER SYSTEM)	Not Approved
		5	IGEMA GMBH,MUNSTER,GERMANY.	Not Approved
77	Level Switch Float Type	1	M/s LEVCON INSTRUMENTS P LTD KOLKATA.	Approved
		2	M/s SBEM PRIVATE LIMITED PUNE	Approved
		3	M/s V.AUTOMAT & INSTRUMENTS PVT. LTD. NEW DELHI	Approved
		4	M/s D.K.INSTRUMENTS PVT. LTD. DHAKURIA, KOLKATA,	Approved
		5	M/s SIGMA INSTRUMENTS COMPANY BHANDUP(WEST)	Approved
		6	M/s CHEMTROLS SAMIL (INDIA) PVT. LTD. POWAI , MUMBAI	Approved
		7	PUNE TECHTROL PVT LTD,PUNE	Not Approved

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		8	IGEMA GMBH,MUNSTER,GERMANY.	Not Approved
78	Temperature Elements	1	M/s DETRIV INSTRUMENTATION AND ELETRI MUMBAI	Approved
		2	M/s PYRO ELECTRIC INSTRUMENTS GOA PVT.L MAPUSA, GOA	Approved
		3	M/s TEMPESENS INSTRUMENTS (I) PVT LTD UDAIPUR	Approved
		4	M/s INDUSTRIAL INSTRUMENTATION CHIRANTANI PARK,BANSDRONI,KOLKATA	Approved
		5	EXOTHERM INSTRUMENTS ,THANE	Approved
		6	OKAZAKI,JAPAN	Approved
		7	GOA INSTRUMENTS INDUSTRIES PRIVATE LTD	Approved
		8	THERMAL INSTRUMENT INDIA PVT. LTD.	Approved
		9	Toshniwal Industries Pvt Ltd, Ajmer	Approved
		10	M/s TECHNO INSTRUMENTS SANTEJ, KALOL, GANDHINAGAR, GOA IN	Approved
		11	GAUGES BOURDON INDIA PVT LTD	Approved
		12	Wika Instruments, Pune	Not Approved
		13	Nesstech Instruments Pvt Ltd, Vapi	Not Approved
		14	BAUMER INDIA PRIVATE LIMITED (Formerly Waaree, Mumbai)	Approved
79	Temperature Gauges	1	M/s A.N.INSTRUMENTS PVT LTD CHENNAI	Approved
		2	GAUGES BOURDON (INDIA) PVT. LTD.	Approved
		3	M/s GOA THERMOSTATIC INSTRUMENTS GOA	Approved
		4	M/s FORBES MARSHALL(HYD) LTD. HYDERABAD	Approved
		5	WIKA INSTRUMENTS INDIA PVT. LTD. VILLAGE - KESNAND, PUNE	Approved
		6	GOA INSTRUMENTS INDUSTRIES PRIVATE LTD	Approved
		7	BAUMER TECHNOLOGIES (I) PRIVATE LIMITED (Formerly Waaree, Mumbai)	Approved

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		8	M/s H.GURU INSTRUMENTS(SOUTH INDIA)PVT. BANGALORE	Approved
		9	THERMAL INSTRUMENT INDIA PVT. LTD.	Not Approved
		10	Precision Mass Products Private Limited (Earlier Aschcroft)	Approved
80	Level Gauge	1	D.K.INSTRUMENTS PVT. LTD. DHAKURIA, KOLKATA,	Approved
		2	LEVCON INSTRUMENTS P LTD KOLKATA	Approved
		3	SBEM PRIVATE LIMITED PUNE	Approved
		4	SIGMA INSTRUMENTS COMPANY BHANDUP(WEST	Approved
		5	V.AUTOMAT & INSTRUMENTS PVT. LTD. NEW DELHI,	Approved
		6	CHEMTROLS SAMIL (INDIA) PVT. LTD. POWAI , MUMBAI	Approved
		7	PUNE TECHTROL PVT LTD,PUNE	Approved
81	Air Filter Regulator	1	PLACKA INSTRUMENTS INDIA PVT LTD CHENNAI	Approved
		2	SMC Pneumatics	Approved
		3	PARKER HANNIFIN INDIA PVT. LTD.	Approved
		4	Divya Control Elements Pvt. Ltd.	Not Approved
		5	SHAVO NORGREN(INDIA)PVT LTD BANGALORE	Approved
82	CO Analyser Insitu Type	1	MARVEL ENGG COMPANY CHENNAI	Approved
		2	CHEMTROLS INDUSTRIES LIMITED POWAI, MUMBAI	Approved
		3	FORBES MARSHALL CODEL PVT. LTD. PIMPRI, PUNE	Approved
		4	LAND INSTRUMENTS INTERNATIONAL ENGLAND (UK)	Approved
		5	CODEL INTERNATIONAL LTD	Approved
		6	Protea UK	Not Approved
		7	ICE ASIA, Mumbai	Not Approved

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		8	SICK India	Not Approved
		9	SICK MAIHAK GMBH	Approved
83	Oxygen Analyser (LT)	1	M/s ABB INSTRUMENTATION LTD GLOUCESTERSHIRE, UK (M/s ABB LTD PEENYA, BANGALORE is System integrator)	Approved
		2	EMERSON PROCESS MANAGEMENT INDIA PVT LTD, MUMBAI	Approved
		3	AMETEK PROCESS & ANALYTICAL INSTRUMENTS, USA. (M/s CHEMTROLS SAMIL (INDIA) PVT. LTD. POWAI, MUMBAI is System integrator)	Approved
		4	ENOTEC GMBH, GERMANY. (M/s FORBES MARSHALL PVT LTD PIMPRI, PUNE is System integrator)	Approved
		5	YOKOGAWA ELECTRIC CORPORATION, TOKYO, JAPAN (M/s YOKOGAWA INDIA LIMITED BANGALORE is System integrator)	Approved
		6	TELEDYNE ELECTRONIC TECHNOLOGIES, CALIFORNIA, USA. (M/s STEAM EQUIPMENTS PVT. LTD. KONDHWA BUDURK, PUNE is System integrator)	Approved
84	Oxygen Analyser (HT)	1	SECO CONTROLS PVT LTD, CHENNAI	Approved
85	Steam and Water analysis System (SWAS)	1	Endress+Hauser, Yokogawa Japan	Approved
		2	ABB INDUSTRIES AG SWITZERLAND	Approved
		3	ROSEMOUNT ANALYTICAL INC IRVINE	Approved
		4	HACH LANGE S.A.R.L CH-1222, VESENAZ	Approved
		5	SWAN Analytical Instruments, Switzerland	Not Approved
		6	Teledyne USA	Approved
		7	METTLER TOLEDO INDIA PVT LTD, MUMBAI	Not Approved
		8	DKK TOA Japan	Not Approved
		9	THERMO ORION INC BEVERLY MA 01915-6199, POLYMETRON, FRANCE	Approved
86	Steam and Water analysis	1	EMERSON PROCESS MANAGEMENT KUMARAPARK(WEST), BANGALORE	Approved

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	System (SWAS) - Sampling System(Shelter Type Sampling system shall be provided. Shelter for both Dry & Wet Sampling shall be provided)	2	ABB LTD PEENYA, BANGALORE	Approved
		3	FORBES MARSHALL PVT LTD PIMPRI, PUNE	Approved
		4	ENDRESS + HAUSER INDIA PVT. LTD. MUMBAI	Approved
		5	YOKOGAWA INDIA LIMITED BANGALORE	Approved
		6	FLOW LINE INSTRUMENTATION PVT. LTD.	Not Approved
		7	CHEMIN CONTROLS AND INSTRUMENTATION PONDICHERRY	Approved
		8	STEAM EQUIPMENTS PVT. LTD. KONDHWA BUDURK, PUNE	Approved
87	Impulse and Sample Pipes (Carbon Steel)	1	INDIAN SEAMLESS METAL TUBES LTD,PUNE.	Approved
		2	BHARAT HEAVY ELECTRICALS LTD TIRUCHIRAPALLI	Approved
		3	SUMITOMO CORPORATION,JAPAN.	Approved
		4	TPS TECHNITUBE ROHREN WERKE GMBH GERMANY	Approved
		5	HEAVY METAL AND TUBES LTD,AHMEDABAD/MUMBAI	Approved
		6	JINDAL SAW LTD,CHENNAI	Approved
88	Socket Weld Fittings	1	PANAM ENGINEERS LTD	Approved
		2	PRECISION ENGG INDUSTRIES GOREGAON(W), MUMBAI	Approved
		3	V.K.INDUSTRIES BANGALORE, VIKAS INDUSTRIAL PRODUCTS NOIDA	Approved
		4	EXCEL HYDRO-PNEUMATICS PVT LTD MUMBAI	Approved
		5	METPRESS ENGINEERING WORKS KOLKATA, BALDOTA VALVE AND MUMBAI	Approved
		6	VIKAS INDUSTRIAL PRODUCTS NOIDA	Approved
		7	BALDOTA VALVE AND MUMBAI	Approved
		8	AURA INC. PHASE - 2, NEW DELHI	Approved
		9	HP VALVES & FITTINGS (INDIA) PVT. L MOGAPPAIR WEST, CHENNAI	Approved

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		10	ARYA CRAFTS & ENGINEERING PVT. LTD.	Approved
		11	PMT ENGINEERS,AHMEDABAD	Approved
		12	PRIME ENGINEERS	Approved
		13	FLOWTECH. KOLKATA	Approved
		14	ARCELLOR	Not Approved
		15	PAUL INDUSTRIES	Not Approved
		16	NAV DURGA FORGING AND FITTINGS, Mumbai	Not Approved
		17	DynaFluid Valves and Flow Controls, Belgaum	Not Approved
89	Valve Manifolds	1	PRECISION ENGG INDUSTRIES, MUMBAI	Approved
		2	EXCEL HYDRO-PNEUMATICS PVT LTD,MUMBAI	Approved
		3	METPRESS ENGINEERING WORKS,KOLKATA	Approved
		4	ASTEC VALVE & FITTINGS PVT. LTD,MUMBAI	Approved
		5	BALDOTA VALVE AND MUMBAI	Approved
		6	HP VALVES & FITTINGS (INDIA) PVT. LTD,CHENNAI	Approved
		7	MICRO PRECISION PRODUCTS PVT LTD,FARIDABAD,HARYANA.	Approved
		8	FLUID CONTROLS LIMITED ,PUNE	Approved
		9	PRIME ENGINEERS,MUMBAI	Not Approved
		10	ARYA CRAFTS & ENGINEERING PVT. LTD,MUMBAI	Not Approved
		11	PMT ENGINEERS,AHMEDABAD	Approved
		12	FLOWTECH,KOLKATA.	Approved
		13	ARCELLOR CONTROLS,AHMEDABAD.	Not Approved
		14	Parker HANNIFIN INDIA PVT. LTD,LEBANON (D407131-Super techical dealer for Parker)	Not Approved

S.No	Name of System/Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks for YTPS (5x800MW)
		15	VIPAL ENTERPRISES PVT LTD,MUMBAI.	Not Approved
		16	DYNA FLUID VALVES AND FLOW CONTROLS,UDYAMBAG, BELGAUM	Not Approved
		17	AURA INC,NEW DELHI	Approved
90	Condensate Pots	1	INSTRUMENTATION LIMITED PALGHAT	Approved
		2	PRECISION ENGG INDUSTRIES GOREGAON(W), MUMBAI	Approved
		3	EXCEL HYDRO-PNEUMATICS PVT LTD MUMBAI	Approved
		4	METPRESS ENGINEERING WORKS KOLKATA, BALDOTA VALVE AND MUMBAI	Approved
		5	BALDOTA VALVE AND MUMBAI	Not Approved
		6	PMT ENGINEERS,AHMEDABAD	Approved
		7	HP VALVES & FITTINGS (INDIA) PVT. L CHENNAI	Approved
		8	FLOWTECH. KOLKATA	Approved
		9	MICRO PRECISION PRODUCTS PVT LTD FARIDABAD,	Approved
		10	ARCELLOR CONTROLS (INDIA), AHMEDABAD	Not Approved
		11	NAV DURGA FORGING AND FITTINGS, Mumbai	Not Approved
		12	DynaFluid Valves and Flow Controls, Belgaum	Not Approved
91	Vibration Monitoring Systems Sensors, Analysis System etc.	1	BHEL EDN (VALMET DNA)	Not Approved
		2	SEASONICS LTD. U.K.	Not Approved
		3	ROCKWELL AUTOMATION U.S.A	Approved
		4	BENTLY NEVADA INC MINDEN	Approved
		5	SKF CONDITION MONITORING CA 92123-1841	Approved
		6	SHINKAWA ELECTRTIC CO., LTD TOKYO	Approved
		7	MEGGITT SA PO BOX 1616 FRIBOURG	Approved

S.No	Name of System/Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks for YTPS (5x800MW)
		8	IRD MECHANALYSIS LIMITED, MUMBAI	Approved
		9	BRUEL & KJAER VIBRO, GMBH & U.S.A.	Not Approved
		10	EMERSON PROCESS MANAGEMENT, INDIA	Not Approved
92	Vibration Monitoring Systems Panel and Accessories	1	BHEL EDN (VALMET DNA)	Not Approved
		2	SENSONICS TECHNOLOGIES INDIA PVT. LTD., GURGAON	Not Approved
		3	Rockwell Automation India Limited Sahibabad dist. Ghaziabad	Approved
		4	GE INDIA INDUSTRIAL PVT. LTD. BANGALORE	Approved
		5	SKF INDIA LTD	Approved
		6	FORBES MARSHALL PVT LTD PIMPRI, PUNE	Approved
		7	MEGGITT INDIA PRIVATE LTD.	Approved
		8	IRD MECHANALYSIS LIMITED, MUMBAI	Approved
		9	Toshniwal Industries Pvt Ltd, Ajmer	Not Approved
		10	EMERSON PROCESS MANAGEMENT, INDIA	Not Approved
93	Pressure and Differential Pressure Switch	1	Precision Mass Products Private Limited (Earlier Aschcroft)	Approved
		2	SWITZER INSTRUMENT LTD AMBATTUR, CHENNAI	Approved
		3	GAUGES BOURDON (INDIA) PVT.LTD	Approved
		4	BAUMER TECHNOLOGIES (I) PVT LTD	Approved
		5	TRAFAG CONTROLS INDIA PVT. LTD	Approved
94	Compression Fittings	1	FLUID CONTROLS PVT. LTD,PUNE	Approved
		2	PRECISION ENGG INDUSTRIES, MUMBAI	Approved
		3	EXCEL HYDRO-PNEUMATICS PVT LTD, MUMBAI	Approved
		4	METPRESS ENGINEERING WORKS, KOLKATA	Approved

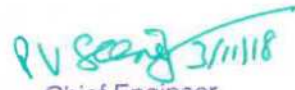
S.No	Name of System/Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks for YTPS (5x800MW)
		5	ASTEC VALVE & FITTINGS PVT. LTD., MUMBAI	Approved
		6	AURA INC, NEW DELHI	Approved
		7	HP VALVES & FITTINGS (INDIA) PVT. LTD, CHENNAI	Approved
		8	PRIME ENGINEERS,MUMBAI	Not Approved
		9	ARYA CRAFTS & ENGINEERING PVT. LTD,MUMBAI	Not Approved
		10	SWAGELOCK,USA	Approved
		11	PARKER HANNIFIN INDIA PVT. LTD.,CHENGAL PATTU,TAMILANADU	Approved
		12	PMT ENGINEERS,AHMEDABAD	Approved
		13	FLOWTECH. KOLKATA.	Not Approved
		14	ARCELLOR CONTROLS ,AHMEDABAD	Not Approved
		15	DYNA FLUID VALVES AND FLOW CONTROLS,UDYAMBAG, BELGAUM	Not Approved
		16	PANAM ENGINEERS LTD,MUMBAI	Approved
95	Dust Density (Opacity) Monitor	1	CODEL INTERNATIONAL LTD	Approved
		2	LAND INSTRUMENTS INTERNATIONAL ENGLAND (UK)	Approved
		3	FORBES MARSHALL CODEL PVT. LTD. PIMPRI, PUNE	Approved
		4	SICK MAIHAK GMBH	Approved
		5	DURAG GMBH AND CO KG HUMBURG	Approved
		6	MARVEL ENGG COMPANY CHENNAI	Approved
		7	CHEMTROLS INDUSTRIES LIMITED POWAI, MUMBAI	Approved
		8	DURAG INDIA INSTRUMENTATION PRIVATE	Approved
96	E/P Convertor Fail Freeze Type	1	IMI NORGREN HERION PRIVATE LIMITED	Approved
		2	FAIRCHILD INDIA PRIVATE LIMITED NOIDA	Approved

S.No	Name of System/Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks for YTPS (5x800MW)
		3	WATSON SMITH LTD ENGLAND	Approved
97	Instrument Valve	1	BHARAT HEAVY ELECTRICALS LIMITED VALVES DIVISION,TIRUCHIRAPALLI, TAMILANADU.	Approved
		2	PRECISION ENGG INDUSTRIES, MUMBAI	Approved
		3	EXCEL HYDRO-PNEUMATICS PVT LTD,MUMBAI	Approved
		4	METPRESS ENGINEERING WORKS,KOLKATA	Approved
		5	AURA INC,PHASE-2, NEW DELHI	Approved
		6	FLUID CONTROLS PVT LTD,PUNE	Approved
		7	INSTRUMENTATION LIMITED,PALGHAT	Approved
		8	PMT ENGINEERS,AHMEDABAD	Approved
		9	BALDOTA VALVE AND FITTINGS PVT LTD,MUMBAI	Approved
		10	FLOWTECH,KOLKATA.	Not Approved
		11	HP VALVES & FITTINGS (INDIA) PVT. LTD,CHENNAI	Approved
98	LIE/LIR	1	PYROTECH ELECTRONICS (P) LTD,UDAIPUR,RAJASTHAN.	Approved
		2	CHEMIN CONTROLS AND INSTRUMENTATION PVT LTD,PONDICHERRY	Approved
		3	PRAMMEN INDUSTRIES,PUDUKKOTTAI, TAMILANADU.	Not Approved
		4	PROCON INSTRUMENTATION (P) LTD,CHENNAI	Approved
		5	SAJAS ELECTRICALS,TIRUCHARAPALLI/PUDUKKOTAI,TAMILAN	Not Approved
99	Impulse and Sample Pipes (Alloy Steel)	1	BHARAT HEAVY ELECTRICALS LTD, TIRUCHIRAPALLI,TAMILANADU.	Approved
		2	SUMITOMO CORPORATION,JAPAN.	Approved
		3	TPS TECHNITUBE ROHREN WERKE GMBH,DAUN,GERMANY	Approved
		4	JINDAL SAW LTD,CHENNAI	Approved
		5	INDIAN SEAMLESS METAL TUBES LTD,PUNE.	Approved

S.No	Name of System/Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks for YTPS (5x800MW)
		6	HEAVY METAL AND TUBES LTD,AHMEDABAD/MUMBAI	Approved
100	Impulse and Sample Pipes Stainless Steel	1	SUMITOMO CORPORATION,JAPAN.	Approved
		2	MBM TUBES PVT LTD,CHATTRAL,GUJARAT	Not Approved
		3	TUBACEX PRAKASH INDIA PVT LTD,UMBERGAON ,GUJARAT	Not Approved
		4	TPS TECHNITUBE ROHREN WERKE GMBH,DAUN,GERMANY	Approved
		5	RATNAMANI METALS & TUBES LTD,AHMEDABAD	Approved
		6	MAXIM TUBES COMPANY PVT LTD,AHMEDABAD	Approved
		7	SURAJ STAINLESS LIMITED,AHMEDABAD	Approved
		8	HEAVY METAL AND TUBES LTD,AHMEDABAD/MUMBAI	Approved
		9	SHUBHLAXMI METALS AND TUBES PVT. LTD, MUMBAI	Approved
101	Impact Head Type Element	1	EMERSON PROCESS MANAGEMENT INDIA PVT LTD,PAWANE,NAVI MUMBAI	Approved
		2	SWITZER PROCESS INSTRUMENTS PVT LTD,CHENNAI.	Approved
		3	STAR-MECH CONTROLS (I) PVT.LTD,PUNE.	Approved
		4	VERIS INC,NIWOT COLRADO,USA.(M/s CHANDAK INSTRUMENTS PVT LTD(VENDOR CODE:D447222.) is SYSTEM INTEGRATOR OF M/S VERIS	Not Approved
102	Level Switch Top mounted	1	LEVCON INSTRUMENTS P LTD KOLKATA	Approved
		2	SBEM PRIVATE LIMITED PUNE	Approved
		3	SIGMA INSTRUMENTS COMPANY BHANDUP(WEST)	Approved
		4	V.AUTOMAT & INSTRUMENTS PVT. LTD. NEW DELHI	Approved
		5	D.K.INSTRUMENTS PVT. LTD. DHAKURIA, KOLKATA	Approved
		6	PUNE TECHTROL PVT LTD,PUNE	Approved
		7	IGEMA GMBH,MUNSTER,GERMANY.	Not Approved
		8	CHEMTROLS SAMIL (INDIA) PVT. LTD. POWAI , MUMBAI	Approved

S.No	Name of System/Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks for YTPS (5x800MW)
103	Mercury analyser	1	THERMOFISHER USA/ THERMOFISHER, Mumbai.	Approved
		2	SICK, Germany/ SICK, India.	Approved
		3	Mercury Instruments. Germany/ ENVIRONNEMENT SA INDIA PVT LTD	Approved
		4	PS ANALYTICAL, UK/ AICPL , KOTA	Approved
		5	DURAG, Germany / DURAG, Bangalore, INDIA.	Approved
104	3D BUNKER LEVEL MONITORING SYSTEM	1	EIP TECHNOLOGIES (APM MAKE)	Approved
105	Flue Gas Analyser-DILUTION TYPE	1	M/s Environnement SA US /M/s. Environnement SA india pvt ltd.	Approved
		2	M/s Chemtrols industries ltd / M/s. Teledyne USA	Approved
		3	M/s. Nevco Engineers Pvt Ltd (OPSIS , SWEDEN)	Approved
		4	M/s Analyser instruments Co. Pvt ltd. (ECOTECH, AUSTRALIA)	Approved

NOTE: All Panel mounted items will be from BHEL Approved Sources.


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S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
Maintenance and Calibration Equipment (Lab Items) Mechanical Package		Item Wise Makes		
1	Dead Weight Tester	1	DH-Budenberg,. (Wika)	Approved
		2	Dott. Ing. Scandura & FEM S.r.l.(Wika)	Approved
		3	PRESSUREMENT LTD,/ Fluke	Approved
		4	AMETEK	Approved
		5	Yantrika Instruments Pvt. Ltd.,	Approved
		6	DRUCK (GE)	Not Approved
		7	Budenberg	Not Approved
		8	Nagman Instruments & Electronics (P) Ltd.,	Not Approved
2	Laboratory Test Pressure Gauges	1	DH-Budenberg,. (Wika)	Approved
		2	ASHCROFT INC,	Approved
		3	Dott. Ing. Scandura & FEM S.r.l.(Wika)	Approved
		4	Yantrika Instruments Pvt. Ltd.	Approved
		5	Yantrika Instruments Pvt. Ltd.	Approved
		6	AFRISO-EURO-INDEX GMBH	Not Approved
		7	JVG Enginners,	Not Approved
		8	Budenberg	Not Approved
3	Manometers	1	Fitzer Instruments (I) Pvt. Ltd.,	Approved
		2	Dwyer Instruments INC.,	Approved
		3	DRUCK (GE)	Not Approved
		4	Kamrans	Not Approved
		5	Sharp	Not Approved
4	Pressure & Vacuum Air Pump	1	KNF Neuberger,	Approved
		2	Bharath Vacuum Pumps	Approved

P. S. S. S. S. S.
Chief Engineer

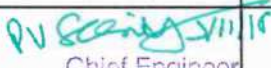
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S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
		3	Toshniwal Brothers (Hyd) Pvt. Ltd.	Not Approved
		4	Elgi	Not Approved
		5	Vacnik	Not Approved
5	Pressure Comparator/ Pressure Comparator (Portable Type)/ Field Pressure Comparator (Portable Type)	1	AMETEK	Approved
		2	FLUKE / PRESSUREMENT LTD	Approved
		3	Beamex	Approved
		4	Dott. Ing. Scandura & FEM S.r.l.(Wika)	Approved
		5	GE (Druck)	Approved
		6	Yokogawa Electric Corporation	Approved
		7	TRANSCAT	Approved
		8	R&D Instruments	Not Approved
		9	Time Electronics	Not Approved
		10	Eurotron Instruments (UK) Ltd.,(EIUK)	Not Approved
		11	AOIP	Not Approved
		12	Wika Instruments	Not Approved
		13	Budenberg	Not Approved
		14	Yantrika Instruments Pvt. Ltd.	Approved
		15	Nagman	Not Approved
6	Temperature Calibration Bath	1	Isothermal Technology Ltd	Approved
		2	Dott. Ing. Scandura & FEM S.r.l., / Wika	Approved
		3	Fluke (Hart Scientific)	Approved
		4	AMETEK	Approved
		5	Eurotron Instruments (UK) Ltd.,(EIUK)	Not Approved
		6	TRANSCAT	Not Approved
		7	DRUCK (GE)	Not Approved
		8	R&D Instruments	Not Approved

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S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
		9	Wika Instruments	Not Approved
		10	Nagman	Not Approved
7	Temperature Calibrators / Temperature Calibrator (Table Mounted)	1	AMETEK	Approved
		2	Druck (GE)	Approved
		3	Dott. Ing. Scandura & FEM S.r.l., / Wika	Approved
		4	Isothermal Technology Ltd	Approved
		5	Hart Scientific / FLUKE	Approved
		6	Thermo Scientific (HEREAUS)	Not Approved
		7	AOIP	Approved
		8	YOKOGAWA	Not Approved
		9	TRANSCAT	Not Approved
		10	TINSLEY	Not Approved
		11	Eurotron Instruments (UK) Ltd., (EIUK)	Approved
		12	WIKI INSTRUMENT	Not Approved
8	Hot Air Blower	1	BOSCH	Approved
		2	SKIL	Approved
9	Barometer / Aneroid Barometer	1	Wallace & Tiernan INC	Approved
		2	DRUCK (GE)	Approved
		3	Control Company (Traceable)	Approved
		4	Extech Instruments Corporation	Approved
		5	WIKI INSTRUMENT	Approved
		6	Meriam Process Technologies	Not Approved
		7	COLE PARMER (Oakton)	Not Approved
		8	TINSLEY	Not Approved
		9	TRANSCAT	Not Approved


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S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
10	Surface Pyrometer / Infrared Pyrometer	1	LAND INSTRUMENTS	Approved
		2	FLUKE	Approved
		3	Raytek	Approved
		4	Acurate Sensor Technologies (Tempsens)	Approved
		5	Wika Instruments	Approved
		6	Heitronics GmbH	Approved
		7	TRANSCAT	Approved
		8	WIKI INSTRUMENT	Approved
		9	Testo	Not Approved
		10	Extech Instruments Corporation	Approved
		11	COLE-PARMER	Approved
		12	DRUCK	Approved
		13	TINSLEY	Approved
11	Pneumatic Test Bench	1	Yantrika Instruments Pvt. Ltd.	Approved
		2	Yokogawa India Ltd.	Approved
		3	Fluke	Approved
		4	The Tinsley Group Ltd.	Approved
		5	WIKI INSTRUMENT (Scandura)	Approved
		6	GE Sensing & Inspection Technologies	Not Approved
		7	R&D Instruments	Not Approved
		8	Nagman Instruments & Electronics (P) Ltd.	Not Approved
12	Portable Vacuum tester	1	AMETEK	Approved
		2	PRESSUREMENT LTD	Approved
		3	ASHCROFT INC	Approved
		4	Beamex	Approved


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S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
		5	Dott. Ing. Scandura & FEM S.r.l.(Wika)	Approved
		6	WIKI INSTRUMENT	Approved
		7	Yokogawa Electric Corporation	Approved
		8	TRANSCAT	Approved
		9	GE Sensing & Inspection Technologies,	Not Approved
		10	Eurotron Instruments (UK) Ltd.	Not Approved
		11	AOIP	Not Approved
		12	Time Electronics	Not Approved
		13	R&D Instruments	Not Approved
		14	Nagman	Not Approved
13	Portable Gas Analyzer	1	LAND INSTRUMENTS	Approved
		2	TESTO	Approved
		3	AFRISO-EURO-INDEX GMBH	Approved
		4	ENDEE ENGINEERS PVT LTD	Approved
		5	BACHARACH	Approved
		6	TINSLEY	Not Approved
		7	Eurotron Instruments (UK) Ltd., (EIUK)	Not Approved
14	Furnace	1	Isothermal Technology Ltd	Approved
		2	Fluke (Hart Scientific)	Approved
		3	Eurotron Instruments (UK) Ltd., (EIUK)	Approved
15	Suppressed Range Mercury In Glass Thermometer	1	Dott. Ing. Scandura & FEM S.r.l.(Wika)	Approved
		2	Swastik	Approved
		3	AMARELL GmbH & Co. KG	Approved
		4	TINSLEY	Not Approved
16	Oil Condition Monitor	1	Parker / Kittiwake	Approved
		2	Pamas	Approved

P. V. Srinivasulu

Chief Engineer

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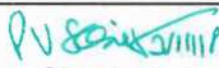
S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
17	Portable Ultrasonic Flowmeter	1	GE Sensing & Inspection Technologies	Approved
		2	Flexim GMBH (Chemtrols)	Approved
		3	Micronics	Approved
		4	Fuji	Approved
		5	Tesco Compuflow	Approved
		6	ENDRESS HAUSER	Approved
		7	EUREKA	Approved
		8	TINSLEY	Approved
		9	FORBES MARSHALL	Approved
		10	TRANSCAT	Approved
		11	Adept Fluidyne Pvt. Ltd.	Not Approved
18	Wet & Dry Bulb Hygrometer	1	Yaska Control Technologies	Approved
		2	Extech Instruments Corporation	Approved
		3	GE Sensing & Inspection Technologies	Approved
		4	Polltech Instruments Pvt. Ltd.	Approved
		5	TINSLEY	Approved
		6	Transcat	Approved
		7	Amprobe	Not Approved
19	Flow meter Calibrator	1	GE (Druck)	Approved
		2	Yokogawa Electric Corporation	Approved
		3	ASHCROFT INC	Approved
		4	AMETEK	Approved
		5	Dott. Ing. Scandura & FEM S.r.l.(Wika)	Approved

S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
		6	TRANSCAT	Approved
		7	Tinsley	Not Approved
		8	Dwyer Instruments INC.	Approved
		9	Fluke	Approved
		10	R&D Instruments	Not Approved
20	Air Set	1	ABB	Approved
		2	SHAVO NORGEN (I) PVT. LTD.	Approved
		3	PLACKA INSTRUMENTS INDIA PVT. LTD.	Approved
21	Jewellers Lathe	1	Gee Dee Weiler	Approved
		2	HMT Machine Tools Ltd.,	Approved
		3	Batliboi	Approved
		4	PMT Machines Ltd.	Approved
		5	Godrej	Approved
		6	VENUS	Approved
		7	Sherline	Approved
22	Welding Machine	1	BOC India Limited	Approved
23	Grinding Wheel/Grinding Machine	1	BOSCH	Approved
24	Feeler Gauge	1	RS Components	Approved
		2	Sysco Tech Systems (India) Pvt. Ltd.	Approved
		3	Goodwill	Approved
		4	Small Tools Centre	Approved
		5	Mehta Tools Corporation	Approved
		6	Sri Varu Power Tools Co.	Approved
		7	JAIRAMDAS GROUP	Approved
		8	Stanley	Approved

PVS 2/11/18

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S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
25	Radial Drilling Machine	1	Eifco	Approved
		2	Ammar Tools	Approved
		3	New Master	Approved
		4	Bhavya Machine Tools	Approved
		5	Micro Engineering Works	Approved
		6	Premier	Approved
26	Portable Drilling Machine	1	BOSCH	Approved
27	Universal Digital Thermometer	1	Yaska Control Technologies	Approved
		2	Extech Instruments Corporation	Approved
		3	TRANSCAT	Approved
		4	GE Sensing & Inspection Technologies	Approved
		5	COLE PARMER	Approved
		6	AOIP	Approved
		7	Eurotron Instruments (UK) Ltd., (EIUK)	Approved
		8	Yudian Automation Technology Co. Ltd.	Approved
		9	Wika Instruments	Approved
		10	Fluke	Approved
		11	Amprobe	Approved
28	LOW AND MEDIUM PRESSURE CONTROLLER	1	ASHCROFT INC	Approved
		2	FLUKE - DH Instruments	Approved
		3	Yokogawa Electric Corporation	Approved
		4	Druck Limited	Approved
		5	Dott. Ing. Scandura & FEM S.r.l.(Wika)	Approved
		6	Beamex	Approved
		7	AMETEK	Approved
		8	DH-Budenberg,. (Wika)	Approved


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S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
		9	TRANSCAT	Approved
		10	WIKA	Not Approved
		11	Time Electronics	Not Approved
		12	AOIP	Not Approved
		13	R&D Instruments	Not Approved
		14	Nagman	Not Approved
		15	Eurotron Instruments (UK) Ltd,	Not Approved
29	PORTABLE PNEUMATIC/ HYDRAULIC CALIBRATOR	1	Beamex	Approved
		2	AMETEK	Approved
		3	FLUKE CORPORATION	Approved
		4	Yokogawa Electric Corporation	Approved
		5	Druck Limited	Approved
		6	Dott. Ing. Scandura & FEM S.r.l.(Wika)	Approved
		7	ASHCROFT INC	Approved
		8	DH-Budenberg,. (Wika)	Approved
		9	TRANSCAT	Approved
		10	WIKA INSTRUMENT	Not Approved
		11	Time Electronics	Not Approved
		12	Eurotron Instruments (UK) Ltd.	Not Approved
		13	R&D Instruments	Not Approved
		14	Nagman	Not Approved
		15	AOIP	Not Approved
30	Bench Vise & Hand Vise	1	Sysco Tech Systems (India) Pvt. Ltd.	Approved
		2	Small Tools Centre	Approved
		3	RS Components	Approved
		4	Goodwill	Not Approved
		5	Stanley	Not Approved

PV Sengupta
Chief Engineer

S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
31	Vacuum Cleaner	1	EUREKA FORBES	Approved
		2	BOSCH	Approved
		3	LG	Approved
32	Anemometer (Portable)	1	Cole-Parmer	Approved
		2	TESTO, INC	Approved
		3	Extech Instruments Corporation	Approved
33	Screw Gauge	1	R. S. Components & Controls	Approved
		2	Sysco Tech Systems (India) Pvt. Ltd.	Approved
		3	Goodwill Enterprises	Approved
		4	Small Tools Centre	Approved
		5	Mehta Tools Corporation	Approved
		6	Sri Varu Power Tools Co.	Approved
		7	JAIRAMDAS GROUP	Approved
		8	Mitutoyo	Approved
		9	Baker	Approved
34	Pitot Tube	1	Dwyer Instruments INC.	Approved
		2	Switzer Instrument Ltd.	Approved
		3	Kamrans	Approved
		4	Amprobe	Approved
		5	Veris Instrument	Approved
35	Test Thermocouple	1	WIKA INSTRUMENT	Approved
		2	AMETEK	Approved
		3	Thermo Scientific (HEREAUS)	Approved
		4	Dott. Ing. Scandura & FEM S.r.l.(Wika)	Approved
		5	Isothermal Technology Ltd, U.K.	Approved
		6	FLUKE CORPORATION	Approved
		7	Druck Limited	Approved

[Signature]
Chief Engineer

S. No	Name of System/ Package	S. No (Vendors)	Name of Vendors	TSGENCO Remarks
		8	Eurotron Instruments (UK) Ltd.,(EIUK)	Approved
36	Vibration Calibrator (Portable Shaker Table)	1	Meggitt India Pvt Ltd.	Approved
		2	Forbes Marshall Pvt Ltd.(SINKAWA)	Approved



Chief Engineer
Thermal Projects Construction
TSGENCO, Vidyut Soudha,
Khairatabad, Hyd-500 082.


TELANGANA POWER GENERATION CORPORATION LIMITED

(A Govt. Of Telangana Undertaking)

Vidyut Soudha, Hyderabad - 500082.

Phone: 040 - 23499321

Fax: 040 - 23499323.

From:

 The Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairathabad
Hyderabad-500 082.

To:

 M/s Bharat Heavy Electricals Limited,
Industrial Systems Group,
P.B.No.1249, Prof.C N R Rao Circle,
IISc Post, Malleswaram,
Bangalore-560090

Attention:Sri Amit Kumar, Sr.Manager /Project Management & Commercial
Lr.No.CE/TPC/SE-3/EME-11/YTPS(5X800MW)/F.Vendors/D.No.49/18,Dt: 11-09-2018

Sir,

 Sub: TSGENCO –YTPS (5X800MW) –Vendors for Ash Handling Package (AHP-Mechanical)
being supplied M/s BHEL/ISG, Bangalore – Approval - Reg.

Ref: M/s BHEL letter ref: IS-1-15-2001/AHP Sub-Vendor Approval/02, Dt.29-05-2018.

Please refer to the letter cited above, wherein M/s BHEL/ISG, Bangalore has requested for approval of vendors for Ash Handling Package (AHP-Mechanical) for Yadadri Thermal Power Station (5X800MW). The same was reviewed and TSGENCO hereby accords approval for the following vendors for Ash Handling Package (AHP-Mechanical) for Yadadri Thermal Power Station (5X800MW).

Ash Handling Package (AHP-Mechanical) :

Sl.No.	Item Description	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
1	ASH HANDLING PACKAGE	MACAWBER BEEKAY PVT.LTD, NOIDA	Not Approved
		THE INDURE PVT., LTD., NEW DELHI	Approved
		MCNALLY BHARAT ENGINEERING COMPANY LTD KOLKATA	Approved
		MECGALE PNEUMATICS PVT. LTD. NAGPUR	Approved
		LARSEN & TOUBRO KOLKATA ALONG WITH UNITED CONVEYOR CORPORATION (UCC-USA) - ALL SUPPLIES FROM INDIA	Approved

Chief Engineer/TPC

Sl.No.	Item Description	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		OSM PROJECTS PRIVATE LIMITED WITH FUJIAN LONGKING COMPANY LIMITED, CHINA - ALL SUPPLIES FROM INDIA	Not Approved
		BHEL ISG, BANGALORE	Approved
2	MS Pipes - SW/ERW (Black and Galvanized)	SAIL ROURKELA	Approved
		WELSPUN CORP LIMITED, ANJAR, GUJARAT	Approved
		ASIAN MILLS PRIVATE LIMITED, AHMEDABAD, GUJARAT	Approved
		RATNAMANI METALS & TUBES, AHMEDABAD, GUJARATH	Approved
		SURYA ROSHNI LIMITED, BENGALURU, KARNATAKA	Approved
		JCO GAS PIPE LIMITED, CHINDWARA	Approved
		JOTINDRA STEEL & TUBES LTD. FARIDABAD, HARYANA	Approved
3	Conveying Air Compressor	ATLAS COPCO (INDIA) LTD. PUNE	Approved
		AERZEN MACHINES (INDIA) PVT LTD, VADODARA	Approved
		ELGI EQUIPMENT LTD, COIMBATORE	Approved
		INGERSOLL RAND, AHMEDABAD	Approved
4	Instrument Air Compressor	ATLAS COPCO (INDIA) LTD. PUNE	Approved
		AERZEN MACHINES (INDIA) PVT LTD, VADODARA	Approved
		ELGI EQUIPMENT LTD, COIMBATORE	Approved
		INGERSOLL RAND, AHMEDABAD	Approved
5	Water Pumps/Misc Pumps (Horizontal)	KIRLOSKAR BROTHERS LIMITED, KIRLOSKARWADI	Approved
		M/S SAM TURBO INDUSTRY PVT LTD, COIMBATORE	Approved
		KUBOTA CORPN. OSAKA JAPAN	Approved
		KISHOR PUMPS PVT. LTD., CHENNAI	Approved
		BEACON WEIR LTD, CHENNAI	Approved

P.V. Seena 11/9/18
Chief Engineer/TPC

Sl.No.	Item Description	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		FLOWMORE LTD, GHAZIABAD	Approved
		BEST & CROMPTON ENGINEERING LIMITED, CHENNAI	Approved
		FLowsERVES INDIA CONTROLS PVT LTD, COIMBATORE	Approved
		JYOTI LTD, VADODARA	Approved
		MATHER & PLATT PUMPS LIMITED, PUNE/KOLHAPUR	Approved
		WPIL LIMITED, GHAZIABAD	Approved
		VARAT PUMPS, KOLKATA	Approved
6	Water Pumps/Misc Pumps (Vertical)	KIRLOSKAR BROTHERS LIMITED, KIRLOSKARWADI	Approved
		M/S SAM TURBO INDUSTRY PVT LTD, COIMBATORE	Approved
		KUBOTA CORPN. OSAKA JAPAN	Approved
		KISHOR PUMPS PVT. LTD., CHENNAI	Approved
		BEACON WEIR LTD, CHENNAI	Approved
		FLOWMORE LIMITED, GHAZIABAD	Approved
		FLowsERVES INDIA CONTROLS PVT LTD, COIMBATORE	Approved
		JYOTI LTD, VADODARA	Approved
		MATHER & PLATT PUMPS LIMITED, PUNE/KOLHAPUR	Approved
		SULZER PUMPS INDIA LTD., 9 M.I.D.C. THANE-BELAPUR ROAD, NAVI MUMBAI, MAHARASHTRA 400708	Approved
7	Drain Sump Pumps/Submersible Pump	MCNALLY SAYAJI ENGINEERING LIMITED, GHAZIABAD	Approved
		WPIL LIMITED, GHAZIABAD	Approved
		VARAT PUMPS & MACHINERY PVT LTD, KOLKATA	Approved
		FLOWMORE LIMITED, GHAZIABAD	Approved
		KIRLOSKAR BROTHERS LIMITED, KIRLOSKARWADI	Approved

P.V. Seng 11/7/18
Chief Engineer/TPC

Sl.No.	Item Description	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		M/S SAM TURBO INDUSTRY PVT LTD, COIMBATORE	Approved
		METSO INDIA PVT. LTD., NAVI MUMBAI, MAHARASHTRA, INDIA	Approved
		KSB, PUNE	Approved
		MODY INDUSTRY PRIVATE LTD (M/S WPIL LTD., GROUPS COMPANY) KOLKATA	Approved
8	Ash Slurry pumps	MCNALLY SAYAJI, BANGALORE	Approved
		WEIR MINERALS (INDIA) PVT. LTD. BANGALORE	Approved
		M/S SAM TURBO INDUSTRY PVT LTD, COIMBATORE	Approved
9	Mono Rail Hoist / Chain pulley Block	TRACTEL TIRFOR INDIA, PALWAL	Approved
		TRANSPADE ENGINEERING PVT LTD, BANGALORE	Approved
		ARMSEL , BENGALURU	Approved
		CENTURY CRANE ENGINEERS PVT LTD, BALLABGADH	Approved
		TUOBRO FURGUSON (INDIA) KOLKATA	Approved
		CONSOLIDATED HOIST, SATARA/PUNE	Approved
		HERCULES HOISTS LTD, RAIGAD	Approved
		LIFTING EQUIPMENTS AND ACCESSORIES, SHAHDARA, DELHI	Approved
		MORRIS HOISTS,JAIPUR, RAJASTHAN 302002	Approved
		SOUTHERN PLANTAID, SECUNDERABAD, TELANGANA 500003	Approved
10	Electric Hoists	MELTECH CRANES, THANE	Approved
		CENTURY CRANE ENGINEERS PVT LTD, BALLABGADH	Approved
		EDDY CRANES PVT LTD., MUMBAI	Approved
		GRIP ENGINEERS PVT LTD. FARIDABAD, HARYANA	Approved
		HERCULES HOISTS LTD, RAIGAD	Approved


Chief Engineer/TPC

Sl.No.	Item Description	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		LIFTING EQUIPMENTS AND ACCESSORIES, SHAHDARA, DELHI	Approved
		REVA INDUSTRIES LIMITED, FARIDABAD	Approved
		TRANSPADE ENGINEERING PVT LTD, BANGALORE	Approved
11	Single Grider EOT Crane	CONSOLIDATED HOIST, SATARA/PUNE	Approved
		TUOBRO FURGUSON, KOLKATA	Approved
		TRANSPADE ENGINEERING PVT LTD, BANGALORE	Approved
		TRACTEL TIRFOR INDIA, PALWAL	Approved
		CENTURY CRANE ENGINEERS PVT LTD, BALLABGADH	Approved
		HERCULES HOISTS LTD, RAIGAD	Approved
		ARMSEL MHE, BANGALORE	Approved
		REVA INDUSTRIES LTD, FARIDABAD	Approved
12	Cast Basalt lined Pipes and Pipe Fittings	DEMECH, PUNE	Approved
		THE INDURE PVT., LTD., NEW DELHI	Approved
		GOYENKA CAST ENGGNERING INDIA PVT LTD, RAIPUR	Approved
		BMW STEEL LIMITED, DEHRADUN	Approved
13	Ball Valves	SURYA VALVES & INSTRUMENTS MFG CO., TIRUCHIRAPPALLI, TAMIL NADU	Approved
		HAWA ENGINEERS LTD., AHMEDABAD	Approved
		A.V. VALVES LTD, AGRA	Approved
		MICON VALVES (INDIA), MUMBAI	Approved
		AKAY INDUSTRIES PVT LTD., DHARWAD, KARNATAKA	Approved
		INTERVALVE(INDIA) LIMITED, BENGALURU, KARNATAKA	Approved
		LEADER VALVES LTD, JALANDHAR	Approved
		MICROFINISH VALVES PRIVATE LIMITED, HUBLI	Approved
		WEIR BDK VALVES-A UNIT OF WEIR INDIA	Approved


Chief Engineer/TPC

Sl.No.	Item Description	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		PVTL LTD, HUBLI	
14	Butterfly Valves	ATAM VALVES PVT LTD., JALANDHAR	Approved
		HAWA ENGINEERS LTD, AHMEDABAD	Approved
		MICON VALVES (INDIA), MUMBAI	Approved
		SURYA VALVES & INSTRUMENTS MFG CO., CHENNAI	Approved
		DEMBLA VALVES LTD, THANE	Approved
		FLOWSERVE, CHENNAI	Approved
15	Knife Gate Valves	ORBINOX INDIA PVT LTD, COIMBATORE	Approved
		SURYA VALVES & INSTRUMENTS MFG CO., CHENNAI	Approved
		ASHWATHI CONTROLS PVT. LTD., AHMEDABAD	Approved
		GENERAL ENGINEERING CONSORTIUM, BANGALORE	Approved
		M/S. BRAY CONTROLS INDIA PRIVATE LIMITED, CHENNAI	Approved
		BACHMANN INDUSTRIES INDIA LTD, FARIDABAD, HARYANA	Approved
		FOURESS ENGINEERING (I) LTD, BANGALORE	Approved
16	Cast Steel, GATE, GLOBE, CHECK Valves	AV VALVES, AGRA	Approved
		ATAM VALVES PVT LTD., JALANDHAR	Approved
		FLUIDLINE VALVES COMPANY PVT. LTD, WORLI, MUMBAI	Approved
		INTERVALVE(INDIA) LIMITED, BENGALURU, KARNATAKA	Approved
		LEADER VALVES LTD. JALANDHAR	Approved
		NITON VALVE INDUSTRIES PVT LTD, NAVI MUMBAI/AHMEDABAD	Approved
		STEEL STRONG VALVES (I) PVT.LTD., NAVI MUMBAI/AHMEDABAD	Approved
		WEIR BDK VALVES- A UNIT OF WEIR INDIA PVT. LTD. HUBLI	Approved


Chief Engineer/TPC

Sl.No.	Item Description	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		M/S MICON VALVES (INDIA) LTD, MUMBAI	Approved
17	Cast Iron. GATE, GLOBE, CHECK Valves	AV VALVES, AGRA	Approved
		H SARKAR, HOWRAH	Approved
18	WEIGH BRIDGE	RICE LAKE, TAMILNADU	Approved
		TECHNO SCALE, AHMEDABAD	Approved
		ABB LIMITED, BANGALORE	Approved
		AVERY (I) LTD., BALLABHGARH	Approved
		SCHENCK JENSON & NICHOLSON, KOLKATA	Approved
		SCHENCK PROCESS INDIA LIMITED, BENGALURU, KARNATAKA	Approved
		ESSAE DIGITRONICS PRIVATE LIMITED, BANGALORE	Approved
		IPA, PVT. LTD, BENGALURU, KARNATAKA	Approved
19	Water Treatment Plant	EUREKA FORBES LTD, MUMBAI	Approved
		GEO MILLER & COMPANY PRIVATE LIMITED, OKHLA, NEW DELHI	Approved
		ION EXCHANGE INDIA LTD., MUMBAI	Approved
		THERMAX LTD., PUNE	Approved
		TRIVENI ENGINEERING & INDUSTRIES LTD. NOIDA	Approved
		VA TECH WABAG LTD., CHENNAI	Approved
		POLLUCON ENGINEERING SERVICE, FARIDABAD, HARYANA	Approved
20	Cast Iron Pipes	ELECTROSTEEL, CHENNAI	Approved
		KAPILASH DHATU, NAGPUR	Approved
21	Vacuum Pump	GARUDA ENGINEERING, AHMEDABAD	Approved
22	MSERW Pipe as per IS 1239 Upto 150 NB	DADU PIPES, SECUNDRABAD	Approved
23	Castable Refractory	TRL KROSAKI, BANGALORE	Approved



Chief Engineer /TPC

Sl.No.	Item Description	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		ABS REFRACTORIES PVT.LTD., KATNI	Approved
		BHASKAR REFRACTORIES&SW PIPES P LTD, FARIDABAD	Approved
		CALDERYS INDIA REFRACTORIES LTD., KATNI	Approved
		CASTWEL INDUSTRIES, NAGPUR	Approved
		DALMIA REFRACTORIES LIMITED, TIRUCHIRAPALLI, TAMIL NADU	Approved
		INDUSTRIAL ASSOCIATES, KOLKATA	Approved
		MAHAKOSHAL REFRACTORIES PVT. LTD, KATNI	Approved
		SHARADAA CERAMICS PVT.LTD. CHENNAI	Approved
		SOUVENIOR CERAMICS, FARIDABAD	Approved
		VISHVA VISHAL ENGINEERING LTD., MUMBAI	Approved
		VISHWAKARMA REFRACTORIS PRIVATE, BENGALURU	Approved
24	Gratings	INDIANA GRATINGS, PUNE	Approved
25	Blower	KAY INTERNATIONAL LTD, SONEPAT	Approved
26	Air Dryer	DELAIR INDIA PRIVATE LIMITED, GURGAON	Approved
		SUMMIT HYGRONICS PRIVATE LIMITED, COIMBATORE	Approved
27	Gear Box	PREMIUM TRANSMISSION, PUNE/FALTA/AURANGABAD	Approved
		FLENDER LIMITED, CHENNAI	Approved
		ELECON ENGINEERING CO . LTD. V V NAGAR	Approved
		NEW ALLENBARRY WORKS, KOLKATA	Approved
		SHANTHI, COIMBATORE	Approved
28	Fluid Coupling	PREMIUM TRANSMISSION, AURANGABAD	Approved
		FLUIDOMAT, DEWAS	Approved
		ELECON ENGINEERING CO. LTD. V V NAGAR	Approved
		VOITH, HYDERABAD	Approved


Chief Engineer/TPC

Please note that this approval of vendors for Supply of items listed in Ash Handling Package (AHP-Mechanical) does not absolve M/s BHEL of its responsibility of supplying and conforming to the relevant specifications and standards as per the terms and conditions of the contract.

Yours faithfully



Chief Engineer/TPC

Copy communicated to:

1. The Chief Engineer/Construction/YTPS Site/Dameracherla/Nalgonda.
2. FA&CCA (Res.)&CFO/TSGENCO/Vidyut Soudha/Hyderabad.
3. SE/Tech to The Chairman & Managing Director/TSGENCO/Vidyut Soudha/Hyderabad.
4. Superintending Engineer/Civil/YTPS Site/Dameracherla/Nalgonda(Dist.).
5. Dy CCA, YTPS-II/Co-ordination/Dameracherla/Nalgonda(Dist.).
6. DE/Tech to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
7. SAO/Pay&Accounts/TSGENCO/Vidyut Soudha/Hyderabad.
8. M/s Tata Consulting Engineers Limited,73/1,Sheriff Centre, St. Marks road, Bangalore-560 001.
9. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad
10. Sri Y.A.Srinivas Rao, BHEL/PMG Camp Office, Vidyut Soudha, Hyderabad.

11/9/18

**TELANGANA STATE POWER GENERATION CORPORATION LIMITED****VIDYUT SOUDHA::HYDERABAD - 500082.**

CIN:U40102TG2014SGC094070 Phone:040-23499261,Fax:040-23499263.

Web site: www.tsgenco.co.in email id: cetpctgenco@gmail.com

From:

The Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairatabad
Hyderabad-500 082.

To:

M/s Bharat Heavy Electricals Limited,
Component Fabrication Plant,
Rudrapur (U S Nagar)-263153,
Uttarakhand.
T : 05944-257250
Email:rupesh@bhel.in

Attention: Sri Rupesh Kumar, Dy. Mgr/Engineering**Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. Rud Vendors Approval/D.No.49/19,Dt:20.06.19**

Sir,

Sub: TSGENCO – YTPS (5X800MW) – M/s BHEL request for additional Vendor approval of M/s Epothane Civilec Engineers Pvt. Ltd., Ghaziabad for supplying Epoxy Insulator – Reg.

Ref: 1) Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. Rud Vendors Approval/D.No.70/18, Dt:18.12.2018

2) M/s BHEL letter ref: BHEL/RUD/ENGG./YADADRI/16-095-A-2/903/008, Dt:16.05.2019.

Please refer to the letter (2) cited above, wherein M/s BHEL/Rudrapur has requested for approval of M/s Epothane Civilec Engineers Pvt. Ltd., Ghaziabad as additional vendor for supplying Epoxy Insulator and also requested to accord approval of the vendors which were not approved earlier vide ref (1) cited above for YTPS (5X800MW). In this regard, it is to inform that the vendors approval accorded vide this office letter (1) cited holds good.

However, the credentials of M/s Epothane Civilec Engineers Pvt. Ltd., Ghaziabad were reviewed and TSGENCO remarks against the vendor pertaining to YTPS (5X800MW) are furnished below.

Sl. No.	Component/Item	Name of Vendor	TSGENCO Remarks
1	Epoxy Insulator	M/s Epothane Civilec Engineers Pvt. Ltd., Ghaziabad	Not Approved

Please note that this approval of vendor does not absolve M/s BHEL of its responsibility of supplying and conforming to the relevant specifications and standards as per the terms and conditions of the contract.

Yours faithfully

CHIEF ENGINEER/TPC

Copy communicated to:

1. The Chief Engineer/Construction/YTPS Site/Dameracherla/Nalgonda.
2. FA&CCA (Res.)&CFO/TSGENCO/Vidyut Soudha/Hyderabad.
3. SE/Tech to The Chairman & Managing Director/TSGENCO/Vidyut Soudha/Hyderabad.
4. Superintending Engineer/Civil/YTPS Site/Dameracherla/Nalgonda(Dist.).
5. Dy CCA, YTPS-II/Co-ordination/Dameracherla/Nalgonda(Dist.).
6. DE/Tech to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
7. SAO/Pay&Accounts/TSGENCO/Vidyut Soudha/Hyderabad.
8. M/s Tata Consulting Engineers Limited,73/1,Sheriff Centre, St. Marks road,
Bangalore-560 001.
9. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad
10. Sri Y.A.Srinivas Rao, BHEL/PMG Camp Office, Vidyut Soudha, Hyderabad.

**TELANGANA STATE POWER GENERATION CORPORATION LIMITED**

(A Govt. Of Telangana Undertaking)
Vidyut Soudha, Hyderabad - 500082.

Phone: 040 - 23499261

Fax: 040 - 23499263

From:
The Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairathabad
Hyderabad-500 082.
cetpctgenco@gmail.com

To:
M/s Bharat Heavy Electricals Limited,
PS-PEM,
PPEI Building,
Plot No 25, Sector 16A,
Noida-201301
Email: nainasingh@bhel.in

Kind Attention:Smt.Naina Singh, Mgr./ PG-II/PEM, Noida

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No. 51 /18,Dt:23 .10.2018

Sir,

Sub: TSGENCO – Yadadri TPS (5X800MW) – Approval of Vendors furnished by M/s BHEL/PEM unit - Reg.

Ref: 1. M/s BHEL/PS-PEM/PG-II/TSGENCO/YAD/07, dated: 04.05.2018.
2. M/s BHEL/PEM, Email:Dt.05-07-2018
3. M/s BHEL/PEM, Email:Dt.23-07-2018
4. M/s BHEL/PEM, Email:Dt.09-08-2018
5. M/s BHEL/PEM, Email:Dt.20-09-2018
6. M/s BHEL /PEM, Email:Dt.22-09-2018

Please refer to the letter 1st cited above, wherein M/s BHEL/PEM has requested for approval of vendors for Yadadri TPS (5X800MW). The same was reviewed and TSGENCO hereby accords approval for the vendors. The list of approved vendors is enclosed as Annexure.

Please note that this approval of vendors for Supply of following list of items does not absolve M/s BHEL of its responsibility of supplying and conforming to the relevant specifications and standards as per the terms and conditions of the contract.

Encl: List of TSGENCO Approved Vendors of M/s BHEL/PEM Unit.

Yours faithfully,

PV Singh 23/10/18

Chief Engineer/TPC

Copy communicated to:

1. The Chief Engineer/Construction/YTPS Site/Dameracherla/Nalgonda.
2. FA&CCA (Res.)&CFO/TSGENCO/Vidyut Soudha/Hyderabad.

3. SE/Tech to The Chairman & Managing Director/TSGENCO/Vidyut Soudha/Hyderabad.
4. Superintending Engineer/Civil/YTPS Site/Dameracherla/Nalgonda(Dist.).
5. Dy CCA, YTPS-II/Co-ordination/Dameracherla/Nalgonda(Dist.).
6. DE/Tech to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
7. SAO/Pay&Accounts/TSGENCO/Vidyut Soudha/Hyderabad.
8. M/s Tata Consulting Engineers Limited,73/1,Sheriff Centre, St. Marks road, Bangalore-560 001.
9. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad
10. Sri Y.A.Srinivas Rao, BHEL/PMG Camp Office, Vidyut Soudha, Hyderabad.

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
1	PACKAGE CATEGORY = MECH. SYSTEM ENGG.			
1	MISC. PUMPS (HORIZONTAL)	1	BEACON WEIR LTD., CHENNAI	Approved
		2	BEST AND CROMPTON ENGG LTD.,CHENNAI	Approved
		3	FLOWMORE LTD., HARYANA	Approved
		4	FLOWSERVE INDIA CONTROLS PVT. LTD., KOLKATA	Approved
		5	JYOTI LTD.,GUJARAT	Approved
		6	KIRLOSKAR BROTHERS LTD., PUNE	Approved
		7	KISHORE PUMPS CHENNAI	Approved
		8	KUBOTA CORPN, JAPAN	Approved
		9	MAX FLOW PUMPS INDIA PVT. LTD., GURGAON	Approved
		10	SAM PUMP,TAMILNADU	Approved
		11	WPIL LIMITED, KOLKATA	Approved
		12	WILO MATHER & PLATT PUMPS LTD., MUMBAI	Approved
		13	VARAT PUMP AND MACHINERY PVT. LTD., KOLKATA	Not Approved
		14	BHARAT PUMPS & COMPRESSORS LTD, ALLAHABAD (UP)	Not Approved
		15	SINTECH PRECISION PRODUCT LTD., GHAZIABAD(UP)	Not Approved
		16	V-FLO PUMPS & SYSTEMS CO. LTD., CHINA	Not Approved
2	MISC. PUMPS (VERTICAL)	1	BEACON WEIR LTD., CHENNAI	Approved
		2	FLOWMORE LTD., HARYANA	Approved
		3	FLOWSERVE INDIA CONTROLS PVT. LTD., KOLKATA	Approved
		4	JYOTI LTD.,GUJARAT	Approved

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Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		5	KIRLOSKAR BROTHERS LTD., PUNE	Approved
		6	KUBOTA CORPN, JAPAN	Approved
		7	KISHORE PUMPS CHENNAI	Approved
		8	SAM PUMP,TAMILNADU	Approved
		9	SULZER PUMPS INDIA LTD.,MAHARASTRA	Approved
		10	WILO MATHER & PLATT PUMPS LTD., MUMBAI	Approved
		11	WPIL LIMITED, KOLKATA	Approved
		12	BHARAT PUMPS & COMPRESSORS LTD, ALLAHABAD (UP)	Not Approved
		13	SINTECH PRECISION PRODUCT LTD. GHAZIABAD (UP)	Not Approved
		14	VARAT PUMP AND MACHINERY PVT. LTD., KOLKATA	Not Approved
3	SUMP PUMPS/ SUBMERSIBLE PUMPS	1	DARLING PUMPS PVT. LTD., INDORE	Approved
		2	FLOWMORE LTD., HARYANA	Approved
		3	MCNALLY SAYAJI ENGINEERING LIMITED, GUJARAT	Approved
		4	SU MOTORS PVT. LTD., MUMBAI	Approved
		5	VARAT PUMP AND MACHINERY PVT. LTD., KOLKATA	Approved
		6	WPIL LIMITED, KOLKATA	Approved
		7	AQUA MACHINERIES (P) LTD., GUJARAT	Approved
		8	JEE PUMPS (GUJ) PVT LTD, GUJARAT	Approved
		9	JASCO PUMP PVT. LTD., GUJARAT	Approved
4	SELF CLEANING STRAINERS	1	AMIAD FILTRATION SYSTEMS LTD, MUMBAI	Approved
		2	FILTRATION ENGINEERS (I) PVT. LTD., MUMBAI	Approved
		3	GEA BGR ENERGY SYSTEM INDIA LTD., CHENNAI	Approved

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		4	MULTITEX FILTRATION ENGINEERS LIMITED, NEW DELHI	Approved
		5	TAPROGGE GMBH, GERMANY	Approved
		6	OTOKLIN GLOBAL BUSINESS LIMITED, MUMBAI	Approved
5	HEAT EXCHANGERS (PLATE TYPE)	1	ALFA LAVAL (INDIA) LTD. NEW DELHI	Approved
		2	GEA ECOFLEX INDIA PVT LTD (NAME CHANGED TO KELVION INDIA PVT. LTD., MUMBAI)	Approved
		3	IDMC LIMITED, GUJARAT	Approved
		4	SONDEX HEAT EXCHANGERS INDIA LTD, GUJARAT	Approved
		5	TRANSTER INDIA PRIVATE LIMITED, PUNE	Approved
		6	HISAKA WORKS LTD., JAPAN	Approved
6	COLTCS	1	C.Q.M. LTD, ISRAEL	Approved
		2	GEA BGR ENERGY SYSTEM INDIA LTD., CHENNAI	Approved
		3	MULTITEX FILTRATION ENGINEERS LIMITED, NEW DELHI	Approved
		4	TAPROGGE GMBH, GERMANY	Approved
		5	NORTHERN HEAVY INDUSTRIES GROUP CO. LTD., CHINA	Not Approved
		6	BEIJING CEP GREEN WAVE SCI-TECH CO. LTD., CHINA	Not Approved
7	APRDS	1	CONTROL COMPONENT INDIA PVT. LTD., NOIDA	Approved
		2	DAUME REGELARMATUREN GMBH, GERMANY	Approved
		3	HOLTER REGELARMATUREN GMBH & CO., GERMANY	Approved
		4	INSTRUMENTATION LTD., KERALA	Approved
		5	SPX CORPORATION, USA	Approved
		6	KOSO INDIA PRIVATE LIMITED, MAHARASHTRA	Not Approved

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		7	WALDEMAR PRUSS ARMATURENFABRIK GMBH, GERMANY	Not Approved
		8	KSB MIL CONTROLS LTD., KERALA	Not Approved
		9	PARCOL S.P.A, ITALY	Not Approved
8	CONICAL STRAINERS	1	ACME FLUID SYSTEMS, GUJARAT	Approved
		2	JAYPEE INDUSTRIES PVT. LTD., NEW DELHI	Approved
		3	MULTITEX FILTRATION ENGINEERS LIMITED, NEW DELHI	Approved
		4	NISSAN SCIENTIFIC PROCESS EQUIPMENT PVT.LTD., MAHARASHTRA	Approved
		5	OTOKLIN GLOBAL BUSINESS LIMITED, MUMBAI	Approved
		6	FILTRATION ENGINEERS (I) PVT. LTD., MUMBAI	Approved
		7	BHATIA ENGINEERING CO., NEW DELHI	Approved
		8	BOMBAY CHEMICAL EQUIPMENTS, MUMBAI	Not Approved
		9	FILTER CONCEPT PRIVATE LIMITED, GUJARAT	Not Approved
		10	GUJARAT OTOFILT, GUJARAT	Not Approved
		11	SUNGOV ENGINEERING PVT. LTD., CHENNAI	Not Approved
		12	GRAND PRIX ENGINEERING PVT. LTD., FARIDABAD, HARYANA	Not Approved
		13	RAK DIN ENGINEERS, HARYANA	Not Approved
9	DEBRIS FILTER	1	GEA BGR ENERGY SYSTEM INDIA LTD., CHENNAI	Approved
		2	TAPROGGE GMBH, GERMANY	Approved
		3	MULTITEX FILTRATION ENGINEERS LIMITED, NEW DELHI	Approved
		4	BEIJING CEP GREEN WAVE SCI-TECH CO. LTD., CHINA	Not Approved
		5	QINGDAO HUATAI ELECTRIC EQUIPMENT CO. LTD, CHINA	Not Approved
II	PACKAGE CATEGORY = MECH. PIPING & LAYOUT			
1	THERMAL INSULATION(R-	1	EFFICIENT ENTERPRISES HYDERABAD	Approved

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
	MATTRESSES/P-SECN)	2	GOENKA ROCKWOOL (INDIA) PVT.LTD., CHHATISGARH	Approved
		3	JAMSHEDPUR MINERAL WOOL MFG CO, JHARKHAND	Approved
		4	LLOYD INSULATIONS (INDIA) LTD., NEW DELHI	Approved
		5	LLOYD ROCKFIBRES LTD., NEW DELHI	Approved
		6	LAPINUS ROCKWOOL P LTD, NEW DELHI	Approved
		7	POLYBOND INSULATION PRIVATE LIMITED, CHATTISGARH	Approved
		8	PUNJSTAR INSULATIONFIBRE, NEW DELHI	Approved
		9	ROCKWOOL INDUSTRIES, NEW DELHI	Approved
		10	ROCKWOOL INDIA PVT. LTD., HYDERABAD	Approved
		11	ROXUL-ROCWOOL INSULATION, GUJARAT	Approved
		12	SHREERAM EQUITECH PRIVATE LIMITED, CHATTISGARH	Approved
		13	THERMOCARE ROCKWOOL INDIA PRIVATE LTD., CHATTISGARH	Approved
		14	DHANBAD ROCKWOOL INSULATION (P) LTD., JHARKHAND	Approved
		15	HI-TEC ROCKFIBRE PVT. LTD., CHATTISGARH	Approved
		16	MINSULATE MANUFACTURING COMPANY, JHARKHAND	Approved
2	BALL VALVES	1	A.V. VALVES LTD, AGRA (UP)	Approved
		2	AKAY INDUSTRIES PVT.LTD., KARNATAKA	Approved
		3	CHEMTECH INDUSTRIAL VALVES, MAHARASTRA	Approved
		4	DEMBLA VALVES, MAHARASTRA	Approved
		5	HITECH VALVES, CHENNAI	Approved
		6	HAWA VALVES, MUMBAI	Approved

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		7	INTERVALVE (INDIA) LTD., PUNE	Approved
		8	JOSHI JAMPALA ENGG PVT LTD, MAHARASTRA	Approved
		9	LEADER VALVES LTD., PUNJAB	Approved
		10	MICROFINISH VALVES PVT LTD., KARNATAKA	Approved
		11	MICON VALVES INDIA, MUMBAI	Approved
		12	SURYA VALVES AND INSTRUMENTS MFG CO., TAMILNADU	Approved
		13	VALTECH INDUSTRIES, MUMBAI	Approved
		14	WEIR BDK VALVES- A UNIT OF WEIR INDIA PVT. LTD.- NEW DELHI	Approved
		15	HAWA ENGINEERS LTD., GUJARAT	Approved
		16	ATAM VALVES PVT. LTD., PUNJAB	Approved
		17	BELGAUM AQUA VALVES PVT. LTD., KARNATAKA	Not Approved
		18	CANLE VALVES PRIVATE LIMITED, TAMIL NADU	Not Approved
		19	CRESCENT VALVES MFG CO. PVT. LTD, MUMBAI	Not Approved
		20	DELVAL FLOW CONTROLS PVT. LTD., NOIDA (UP)	Not Approved
		21	MEVADA ENGINEERING WORKS PVT LTD., MUMBAI	Not Approved
		22	UNIFLOW, CHENNAI	Not Approved
3	BUTTERFLY VALVES (STEAM SERVICE)	1	FOURESS ENGG. INDIA LTD., MUMBAI	Approved
		2	INSTRUMENTATION LTD., KERALA	Approved
		3	NENGFA WEIYE TIELING VALVE JOINT-STOCK CO. LTD., CHINA	Not Approved
4	AIR RELEASE VALVES	1	A.V. VALVES LTD, AGRA (UP)	Approved
		2	G.M. DALUI AND SONS PVT.LTD., WEST BENGAL	Approved
		3	LEADER VALVES LTD., PUNJAB	Approved

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		4	UPADHAYA VALVES MANUFACTURERS PRIVATE LIMITED, KOLKATA	Approved
		5	VENUS PUMPS AND ENGG. WORKS, KOLKATA	Approved
		6	R AND D MULTIPLES (METAL CAST) PVT LTD, MUMBAI	Approved
		7	K P MONDAL & SONS, KOLKATA	Not Approved
5	AIR TRAPS	1	ARMSTRONG INTRNL PVT LTD, CHENNAI	Approved
		2	ASIAN INDUSTRIAL VALVES & INSTRUMENTS, TAMILNADU	Approved
		3	FORBES MARSHALL PVT.LTD., PUNE	Approved
		4	PENNANT ENGINEERING PVT. LTD., PUNE	Approved
		5	ESCO STEAMCON PVT. LTD., GUJARAT	Not Approved
		6	UNI KLINGER LIMITED, MUMBAI	Not Approved
6	STEAM TRAPS	1	ARMSTRONG INTRNL PVT LTD, CHENNAI	Approved
		2	ASIAN INDUSTRIAL VALVES & INSTRUMENTS, TAMILNADU	Approved
		3	FORBES MARSHALL PVT.LTD., PUNE	Approved
		4	LEADER VALVES LTD., PUNJAB	Approved
		5	PENNANT ENGINEERING PVT. LTD., PUNE	Approved
		6	ESCO STEAMCON PVT. LTD., GUJARAT	Not Approved
7	METAL EXPANSION BELLOWS	1	FLEXICAN BELLOWS AND HOSES PVT. LTD., GUJARAT	Approved
		2	FLEXATHERM EXPANLLOW PVT. LTD., GUJARAT	Approved
		3	LONESTAR INDUSTRIES, CHENNAI	Approved
		4	MB METALLIC BELLOWS PVT. LTD., CHENNAI	Approved
		5	METALLIC BELLOWS INDIA PVT. LTD., CHENNAI	Approved
		6	TEDDINGTON ENGINEERED SOLUTIONS LTD. UK	Approved
		7	B D ENGINEERS, GUJARAT	Not Approved

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
8	THERMAL INSULATION-ANCILLARY MATERIAL	1	ALLIED INSULATIONS (INDIA), GHAZIABAD (UP)	Approved
		2	ENERGY SAVING AND ALLIED PRODUCTS, HARYANA	Approved
		3	HKI ENTERPRISES MUMBAI	Approved
		4	INDUSTRIAL ASSOCIATES, KOLKATA.	Approved
		5	LLOYD INSULATIONS (INDIA) LIMITED, NEW DELHI	Approved
		6	SUDHIR TRADING COMPANY, NEW DELHI	Approved
		7	SURESH INDUSTRIAL CORPORATION, CHANDIGARH	Approved
		8	SURESH FASTENERS, CHANDIGARH	Approved
		9	SHREE ENGINEERS, INDORE (MP)	Not Approved
9	ALUMINIUM SHEETS/COILS	1	BHARAT ALUMINIUM COMPANY LTD, CHHATTISGARH	Approved
		2	HINDALCO INDUSTRIES LTD, MUMBAI	Approved
		3	JINDAL ALUMINIUM LTD, KARNATAKA	Approved
		4	NATIONAL ALUMINIUM COMPANY LTD., ODISHA	Approved
		5	CHONGQING LANREN ALUMINIUM CO. LTD., CHINA	Not Approved
10	STEEL GATE/GLOBE/NR VALVES (WATER SYSTEM)	1	A.V. VALVES LTD, AGRA (UP)	Approved
		2	ATAM VALVES PVT. LTD., PUNJAB	Approved
		3	FLUIDLINE VALVES COMPANY PVT.LTD., GHAZIABAD (UP)	Approved
		4	INTERVALVE (INDIA) LTD., PUNE	Approved
		5	LEADER VALVES LTD., PUNJAB	Approved
		6	NITON VALVE INDUSTRIES PVT LTD, MUMBAI	Approved
		7	STEEL STRONG VALVES (I) PVT.LTD., MUMBAI	Approved


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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		8	WEIR BDK VALVES- A UNIT OF WEIR INDIA PVT. LTD., NEW DELHI	Approved
		9	FOURESS ENGG. INDIA LTD., MUMBAI	Approved
		10	HAWA ENGINEERS LTD., GUJARAT	Approved
		11	MICON VALVES (INDIA) PVT. LTD., MAHARASTRA	Approved
		12	VALTECH INDUSTRIES, MUMBAI	Approved
		13	HAWA VALVES (INDIA) PVT. LTD., MUMBAI	Approved
		14	CANLE VALVES PRIVATE LIMITED, TAMIL NADU	Not Approved
		15	OSWAL INDUSTRIES LTD, MUMBAI	Not Approved
		16	NSSL PRIVATE LIMITED, NAGPUR, MAHARASHTRA	Not Approved
		17	V.K. VALVES PVT. LTD., PUNJAB	Not Approved
III	PACKAGE CATEGORY = MECHANICAL AUXILIARY			
1	FIRE TENDER	1	AGNI INDUSTRIAL FIRE SERVICES FARIDABAD	Approved
		2	RELIANCE FIRE & SAFETY HYDERABAD	Approved
		3	SEAARA UNIVERSAL PVT LTD, HYDERABAD	Approved
		4	VIJAY FIRE VEHICLES AND PUMPS LTD, MUMBAI	Approved
		5	BRIJBASI HI-TECH UDYOG LTD, UP	Approved
		6	AMBALA COACH BUILDERS, HARYANA	Approved
		7	AAREL INDUSTRIES, MADHYA PRADESH	Approved
		8	UNITED MANUFACTURING CO., NEW DELHI	Not Approved
2	COMPRESSED AIR SYSTEM	1	ATLAS COPCO (INDIA) LTD., GURGAON	Approved
		2	AERZEN MACHINES PVT LTD,	Approved
		3	CHICAGO PNEUMATIC SALES, NEW DELHI	Approved
		4	ELGI EQUIPMENTS LTD, NEW DELHI	Approved
		5	INGERSOLL- RAND (INDIA) LTD., HARYANA	Approved

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		6	KIRLOSKAR PNEUMATIC CO. LTD., NEW DELHI	Approved
3	AIR CONDITIONING SYSTEM	1	ADVANCE VENTILATION PVT.LTD., NEW DELHI	Approved
		2	BLUE STAR LTD., MUMBAI	Approved
		3	CARRIER AIRCON PVT LTD,HARYANA	Approved
		4	DRAFT-AIR (INDIA) PVT. LTD., NEW DELHI	Approved
		5	GODREJ & BOYCE MFG CO LTD, NEW DELHI	Approved
		6	MW HIGH TECH PROJECTS (I) PVT. LTD., HARYANA	Approved
		7	STERLING AND WILSON LIMITED, KOLKATA	Approved
		8	VOLTAS LTD., MUMBAI	Approved
		9	GEMINI SHREEWAS (ENGINEERS) PVT. LTD., CHENNAI	Not Approved
		10	INDUSTRIAL PROJECT & PRODUCTS CO., GURGAON	Not Approved
		11	ROOTS COOLING SYSTEMS PVT. LTD., NOIDA (UP)	Not Approved
4	VENTILATION SYSTEM	1	AIR LINK ENGINEERS PVT. LTD., NEW DELHI	Approved
		2	ADVANCE VENTILATION PVT.LTD., NEW DELHI	Approved
		3	APC SYSTEMS & PRODUCTS PVT LTD, KOLKATA	Approved
		4	BLUE STAR LTD., MUMBAI	Approved
		5	C.DOCTOR AND CO. PVT.LTD, KOLKATA	Approved
		6	DRAFT-AIR (INDIA) PVT. LTD., NEW DELHI	Approved
		7	DUSTVEN PVT LTD, , KARNATAKA	Approved
		8	MESINA , MUMBAI	Approved
		9	ROOTS COOLING SYSTEMS PVT.LTD., NOIDA (UP)	Approved
		10	S.K.SYSTEMS PRIVATE LTD., HARYANA	Approved

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		11	STERLING AND WILSON LIMITED, KOLKATA	Approved
		12	VOLTAS LTD., MUMBAI	Approved
		13	TAP ENGINEERING, CHENNAI	Approved
		14	INDUSTRIAL PROJECT & PRODUCTS CO., GURGAON	Not Approved
		15	PACK PLAST INDUSTRIES, RAJASTHAN	Not Approved
5	FUEL OIL HANDLING & STORAGE SYSTEM	1	TECHNO ELECTRIC AND ENGG. CO. LTD., KOLKATA	Approved
		2	TECHNOFAB ENGG. LTD., NEW DELHI	Approved
		3	THERMOSYSTEMS PVT. LTD., HYDERABAD	Approved
		4	UNITECH MACHINES LTD., GURGAON (UP)	Approved
		5	GENERAL MECHANICAL WORKS PVT. LTD., GUJARAT	Approved
		6	RAUNAQ INTERNATIONAL LIMITED, HARYANA	Approved
		7	UNITED SYSTEMS & PROJECTS (INDIA) PVT. LTD., TELANGANA	Approved
		8	NEW FIRE ENGINEERS PVT LTD, MUMBAI	Not Approved
		9	SHALKOOT MECHANIQUE PVT. LTD., NOIDA (UP)	Not Approved
		10	XICON INTERNATIONAL LIMITED, MUMBAI	Not Approved
6	CHEMICAL DOSING SYSTEM	1	ENPRO INDUSTRIES PVT.LTD., PUNE	Approved
		2	MR SYSTEMS, WESTBENGAL	Approved
		3	POWER PIPING COMPANY, TAMIL NADU	Approved
		4	PSI ENGINEERING SYSTEMS (P) LTD., CHENNAI	Approved
		5	POSITIVE METERING PUMPS (I) PVT. LTD., MAHARASHTRA	Approved
		6	TECHNO CONSULTANTS, MUMBAI	Approved
		7	TECHNOSTRENGTH PVT. LTD., HYDERABAD	Approved



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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		8	V.K PUMP INDUSTRIES PVT LTD, PUNE	Approved
		9	N.M. ENTERPRISES, NEW DELHI	Not Approved
		10	ROCKWIN FLOWMETER INDIA PVT. LTD., GHAZIABAD (UP)	Not Approved
		11	SWELORE ENGG. PVT. LTD, GUJARAT	Not Approved
7	D/G EOT CRANE ABOVE 100T	1	ANUPAM INDUSTRIES LTD., GHAZIABAD (UP)	Approved
		2	FURNACE & FONDRI EQUIPMENT CO., MUMBAI	Approved
		3	HEAVY ENGG. CORPORATION LTD., JHARKHAND	Approved
		4	MUKAND LIMITED, MAHARASHTRA	Approved
		5	TRANSPADE ENGG PVT LTD, KARNATAKA	Approved
		6	WMI KONECRANES INDIA LTD., NEW DELHI	Approved
		7	KONECRANES PVT. LTD., MUMBAI	Approved
		8	HENAN WEIHUA HEAVY MACHINERY CO. LTD., CHINA	Not Approved
		9	ALPHA SERVICES, RAJASTHAN	Not Approved
		10	ELECTROMECH MATERIAL HANDLING SYSTEMS (INDIA) PVT. LTD., PUNE	Not Approved
		11	REVA INDUSTRIES LTD., HARYANA	Not Approved
		12	TEREX INDIA PVT. LTD., PUNE	Not Approved
		13	UNIQUE INDUSTRIAL HANDLERS PVT. LTD., MUMBAI	Not Approved
8	D/G EOT CRANE UPTO 100T	1	ANUPAM INDUSTRIES LTD., GHAZIABAD (UP)	Approved
		2	CRANEX LIMITED, NEW DELHI	Approved
		3	CENTURY CRANE ENGINEERS PVT. LTD., HARYANA	Approved
		4	FURNACE & FOUNDRY EQUIPMENTS CO., MUMBAI	Approved
		5	GRIP ENGINEERS PVT. LTD., HARYANA	Approved

Pu 8/23/10/18
Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		6	HEAVY ENGG. CORPORATION LTD., JHARKHAND	Approved
		7	REVA INDUSTRIES LTD., HARYANA	Approved
		8	MUKAND LIMITED, MAHARASHTRA	Approved
		9	KONECRANES PVT. LTD., MUMBAI	Approved
		10	ALPHA SERVICES, RAJASTHAN	Not Approved
		11	BRADY & MORRIS ENGINEERING CO. LTD., GUJARAT	Not Approved
		12	ELECTROMECH MATERIAL HANDLING SYSTEMS (INDIA) PVT. LTD, PUNE	Not Approved
		13	GMW PRIVATE LIMITED, GUJARAT	Not Approved
		14	HENAN WEIHUA HEAVY MACHINERY CO. LTD., CHINA	Not Approved
		15	MEEKA MACHINERY PVT. LTD., GUJARAT	Not Approved
		16	MANGLA HOISTS PVT LTD, NEW DELHI	Not Approved
		17	ROCKWELL HOISTO CRANES PVT. LTD., HARYANA	Not Approved
		18	S CRANE ENGINEERING WORKS, MUMBAI	Not Approved
		19	SAFEX ENERGY PVT. LTD., GUJARAT	Not Approved
		20	TEREX INDIA PVT. LTD., PUNE	Not Approved
		21	TUOBRO FURGUSON (INDIA) PVT LTD., KOLKATA	Not Approved
		22	TECHNO INDUSTRIES, AHMEDABAD	Not Approved
		23	UNIQUE INDUSTRIAL HANDLERS PVT LTD., MUMBAI	Not Approved
		24	UNICON TECHNOLOGY INTERNATIONAL PVT. LTD, UP	Not Approved
9	SINGLE GIRDER EOT/HOT MISC. CRANES	1	ALE MACHINARIES, USA	Approved
		2	ARMSEL MHE PVT. LTD, KARNATAKA	Approved
		3	BRADY & MORRIS ENGG CO LTD, GUJARAT	Approved

PV Sanyal
Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		4	CONSOLIDATED HOISTS PVT LTD, PUNE	Approved
		5	CENTURY CRANE ENGINEERS PVT. LTD., HARYANA	Approved
		6	HERCULES HOISTS LTD., MAHARASTRA	Approved
		7	INTRICATE ENGG PVT LTD, KOLKATA	Approved
		8	PIONEER CRANES & ELEVATORS, PUNJAB	Approved
		9	REVA INDUSTRIES LTD., HARYANA	Approved
		10	SHIVA FERROUS PVT LTD, WEST BENGAL	Approved
		11	TRANSPADE ENGG PVT LTD, KARNATAKA	Approved
		12	TRACTEL TIRFOR INDIA PVT. LTD., HARYANA	Approved
		13	TUOBRO FURGUSON (INDIA) PVT LTD., KOLKATA	Approved
		14	UNITTEK ENGINEERS PVT LTD, KARNATAKA	Approved
		15	ALPHA SERVICES, RAJASTHAN	Not Approved
		16	MANGLA HOISTS PVT LTD, NEW DELHI	Not Approved
		17	UNIVERSAL HOIST-O-FABRIK, MAHARASHTRA	Not Approved
10	ELECTRIC HOIST	1	ALPHA SERVICES, RAJASTHAN	Approved
		2	BRADY & MORRIS ENGG CO LTD, GUJARAT	Approved
		3	CONSOLIDATED HOISTS PVT LTD, PUNE	Approved
		4	CENTURY CRANE ENGINEERS PVT. LTD., HARYANA	Approved
		5	EDDY CRANES PVT. LTD., MUMBAI	Approved
		6	GRIP ENGINEERS PVT. LTD., HARYANA	Approved
		7	HERCULES HOISTS LTD,MAHARASTRA	Approved
		8	LIFTING EQUIPMENTS AND ACCESSORIES, NEW DELHI	Approved
		9	MELTECH CRANES, THANE	Approved

PV Sengupta 23/10/18
Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		10	ROCKWELL HOIST CRANES PVT LTD, NEW DELHI	Approved
		11	REVA INDUSTRIES LTD., HARYANA	Approved
		12	TRANSPADE ENGG PVT LTD, KARNATAKA	Approved
		13	TRACTEL TIRFOR INDIA PVT. LTD., HARYANA	Approved
		14	UNIVERSAL HOIST-O-FABRIK, MAHARASHTRA	Approved
		15	MANGLA HOISTS PVT LTD, NEW DELHI	Not Approved
		16	TECHNO INDUSTRIES, AHMEDABAD	Not Approved
11	CHAIN PULLEY BLOCK	1	ARMSEL MHE PVT. LTD, KARNATAKA	Approved
		2	BRADY & MORRIS ENGG CO LTD, GUJARAT	Approved
		3	CENTURY CRANE ENGINEERS PVT LTD, HARYANA	Approved
		4	CONSOLIDATED HOISTS PVT LTD, PUNE	Approved
		5	HERCULES HOISTS LTD., MAHARASHTRA	Approved
		6	LIFTING EQUIPMENTS AND ACCESSORIES, NEW DELHI	Approved
		7	SOUTHERN PLANTAID, TELANGANA	Approved
		8	TRACTEL TIRFOR INDIA PVT. LTD., HARYANA	Approved
		9	TRANSPADE ENGG PVT LTD,KARNATAKA	Approved
		10	TUOBRO FURGUSON (INDIA) PVT LTD., KOLKATA	Approved
		11	UNIVERSAL HOIST-O-FABRIK, MAHARASHTRA	Approved
		12	BAKELITE ELECTRICAL MFG. CO. PVT. LTD., MUMBAI	Not Approved
		13	TECHNO INDUSTRIES, AHMEDABAD	Not Approved
12	MISC. TANKS (SITE FABRICATED)	1	SAKTHI HI-TECH CONSTRUCTIONS PVT. LTD., CHENNAI	Approved
		2	TECHNO ELECTRIC AND ENGG. CO. LTD., KOLKATA	Approved

PV Sealing 23/10/18

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Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		3	THERMOSYSTEMS PVT. LTD., HYDERABAD	Approved
		4	UNITECH MACHINES LTD., GURGAON (UP)	Approved
		5	GMW PRIVATE LIMITED, GUJARAT	Approved
		6	UNITED SYSTEMS & PROJECTS (INDIA) PVT. LTD., TELANGANA	Approved
		7	MAHATHI INFRA SERVICES PVT. LTD., HYDERABAD	Not Approved
		8	SAMAY PROJECT SERVICES PVT. LTD., CHENNAI	Not Approved
		9	SHALKOOT MECHANIQUE PVT. LTD., NOIDA (UP)	Not Approved
		10	XICON INTERNATIONAL LIMITED, MUMBAI	Not Approved
13	ELEVATORS	1	JOHNSON & JOHNSON, NEW DELHI	Approved
		2	KONE ELEVATOR INDIA LTD., CHENNAI	Approved
		3	MITSUBUSHI, NEW DELHI	Approved
		4	SCHINDLER INDIA PVT LTD, NEW DELHI	Approved
		5	TECHNO INDUSTRIES, AHMEDABAD	Approved
		6	THYSSENKRUP ELEVATORS, NEW DELHI	Approved
		7	COOPER ELEVATORS INDIA PVT. LTD. CHENNAI	Not Approved
14	MILL REJECTS SYSTEM (PNEUMATIC TYPE)	1	H. V. EQUIPMENTS PVT. LTD., NOIDA (UP)	Approved
		2	MELCO INDIA FARIDABAD	Approved
		3	MECAWBER BEEKAY PVT LTD., NEW DELHI	Not Approved
		4	XIAMEN LONGKING BULK MATERIALS SCIENCE & ENGINEERING CO LTD., CHINA	Not Approved
15	LUBE OIL TRANSFER PUMPS	1	MATZ PUMPS PVT. LTD., GUJARAT	Approved
		2	TUSHACO PUMPS PVT.LTD. NEW DELHI	Approved
		3	UT PUMPS & SYSTEMS LTD,HARYANA	Approved
		4	ALLWEILER INDIA PRIVATE LIMITED, DAMAN &	Approved

PV Sanjay 23/10/18
Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
			DIU	
		5	DELTA PD PUMPS PVT. LTD., MUMBAI	Approved
		6	DEL PD PUMPS & GEARS PVT LTD, GUJARAT	Not Approved
16	WEIGH BRIDGE	1	ACME AUTOMATION, CHATTISHARGH	Approved
		2	AVERY LTD, BALLABGARH, HARYANA	Approved
		3	ABB LTD,HARYANA	Approved
		4	ESSAE DIGITRONICS PVT LTD, HARYANA	Approved
		5	IPA PRIVATE LTD., KARNATAKA	Approved
		6	MET WEIGH INDIA HYDERABAD	Approved
		7	SCHENCK & JENSON & NICOLSON	Approved
		8	SCHENCEK PROCESS INDIA LTD,HARYANA	Approved
		9	STATWEIGH INDIA (P) LTD., KARNATAKA	Approved
		10	TECHNO SCALE INDUSTRIES, GUJARAT	Approved
17	H2 GEN. PLANT	1	TELEDYNE ENERGY SYSTEMS INC,USA	Approved
		2	TIANJIN MAINLAND HYDROGEN EQUIPMENT CO. LTD., CHINA	Not Approved
		3	EASTERN ELECTROLYSER LIMITED, NEW DELHI	Approved
		4	HYDROGENICS EUROPE N.V., BELGIUM	Approved
		5	NUBERG ENGINEERING LTD., NOIDA (UP)	Not Approved
		6	SUKAN ENGINEERING PVT. LTD., MUMBAI	Not Approved
		7	SPIRARE ENERGY PVT. LTD., NOIDA (UP)	Not Approved
18	CONDENSATE POLISHING UNIT	1	BGR ENERGY SYSTEMS LIMITED., ANDHRA PRADESH	Approved
		2	DRIPLEX WATER ENGINEERING INTERNATIONAL PRIVALTE LIMITED, NEW DELHI	Approved

PV Saini 23/10/18
Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		3	ION EXCHANGE (INDIA) LTD,HARYANA	Approved
		4	SIEMENS LIMITED,HARYANA	Approved
		5	THERMAX LTD., PUNE	Approved
		6	VA TECH WABAG LTD, NEW DELHI	Approved
19	OXYGEN DOSING SYSTEM	1	ENPRO INDUSTRIES PVT.LTD., PUNE	Approved
		2	MR SYSTEMS, KOLKATA	Approved
		3	MPT GMBH, GERMANY	Approved
		4	POWER PIPING COMPANY, TAMIL NADU	Approved
		5	PSI ENGINEERING SYSTEMS (P) LTD., CHENNAI	Approved
		6	ROCKWIN FLOWMETER INDIA PVT. LTD.UP	Approved
		7	TECHNO CONSULTANTS, MUMBAI	Approved
		8	V.K PUMP INDUSTRIES PVT LTD., PUNE	Approved
		9	POSITIVE METERING PUMPS (I) PVT. LTD., MAHARASHTRA	Not Approved
20	WORKSHOP EQUIPMENT	1	AVERY WEIGHTRINOX, HARYANA	Approved
		2	BATLIBOI LTD., NEW DELHI	Approved
		3	HMT MACHINE TOOLS LTD (100% SUBSIDAIRY OF M/S HMT LTD.), NEW DELHI	Approved
		4	HYDERABAD TULAMAN LTD., HYDERABAD	Approved
		5	ABRO TECHNOLOGIES PVT. LTD, NEW DELHI	Not Approved
		6	JAGDEEP FOUNDRY (REGD.), PUNJAB	Not Approved
		7	KHALSA ENGINEERING WORKS, NEW DELHI	Not Approved
		8	SAGAR HEAVY ENGINEERINGS PVT. LTD., PUNJAB	Not Approved
IV	PACKAGE CATEGORY = ELECTRICAL			
1	NEUTRAL GROUNDING	1	BHARTIA CULTER HAMMER FARIDABAD	Approved

P V Sanyal 23/10/18
Chief Engineer/TPC

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
	RESISTOR	2	RSI SWITCHGEAR PVT. LTD., RAJASTHAN	Approved
		3	S.R.NARKHEDE ENGG.PVT.LTD., PUNE	Approved
		4	LACHHMAN ELECTRONICS, NEW DELHI	Approved
		5	AMPCONTROL EQUIPMENTS PVT. LTD., MAHARASHTRA	Approved
		6	RESITECH ELECTRICALS PVT. LTD., KOLKATA	Approved
		7	NATIONAL RESISTORS, MAHARASHTRA	Not Approved
2	DC LEAD ACID BATTERIES	1	EXIDE INDUSTRIES LTD, NEW DELHI	Approved
		2	HOPPECKE BATTERIEN GMBH & CO.KG, GERMANY	Approved
3	DC BATTERY CHARGER	1	AMARA RAJA POWER SYSTEMS LIMITED,	Approved
		2	CHHABI ELECTRICALS PVT.LTD., MAHARASHTRA	Not Approved
		3	EMERSON NETWORK POWER PVT LTD PUNE	Approved
		4	HBL POWER SYSTEMS LTD., TELANGANA	Approved
		5	STATCON POWER CONTROLS LTD.	Approved
		6	CHLORIDE POWER SYSTEMS & SOLUTIONS LIMITED, KOLKATA	Approved
		7	DUBAS ENGG PVT LTD., KARNATAKA	Not Approved
		8	MASS-TECH CONTROLS PVT.LTD., MUMBAI	Not Approved
		9	STATCON ENERGIAA PRIVATE LIMITED, NOIDA (UP)	Not Approved
		10	VERTIV ENERGY PRIVATE LIMITED, MAHARASHTRA	Not Approved
4	HT XLPE CABLES	1	APAR INDUSTRIES LIMITED, GUJARAT	Approved
		2	CABLE CORPORATION OF INDIA LTD., MUMBAI	Approved
		3	GEMSCAB INDUSTRIES LTD., NEW DELHI	Approved
		4	HAVELLS INDIA LIMITED, NOIDA (UP)	Approved


Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		5	KEI INDUSTRIES LTD., NEW DELHI	Approved
		6	KEC INTERNATIONAL LIMITED, MUMBAI	Approved
		7	PARAMOUNT COMMUNICATIONS LTD., NEW DELHI	Approved
		8	POLYCAB WIRES PVT. LTD., MUMBAI	Approved
		9	TORRENT CABLES LTD.GUJARAT	Approved
		10	TIRUPATI PLASTOMATICS PVT LTD., RAJASTHAN	Approved
		11	UNIVERSAL CABLES LTD., MADHYA PRADESH	Approved
		12	TORRENT POWER LTD., GUJARAT	Approved
		13	CMI LTD., NEW DELHI	Not Approved
		14	CRYSTAL CABLE INDUSTRIES LTD., KOLKATA	Not Approved
		15	DYNAMIC CABLES LIMITED, RAJASTHAN	Not Approved
		16	FINOLEX CABLES LIMITED, PUNE	Not Approved
		17	GUPTA POWER INFRASTRUCTURE LIMITED, GHAZIABAD (UP)	Not Approved
		18	RAVIN CABLES LIMITED, MUMBAI	Not Approved
		19	SRIRAM CABLES PVT. LTD., NEW DELHI	Not Approved
		20	STERLITE POWER TRANSMISSION LTD., NEW DELHI	Not Approved
5	LT XLPE POWER CABLES	1	CORDS CABLE INDUSTRIES LTD., NEW DELHI	Approved
		2	DIAMOND POWER INFRASTRUCTURE LTD. NEW DELHI	Approved
		3	DELTON CABLES LTD. HARYANA	Approved
		4	GEMSCAB INDUSTRIES LTD., NEW DELHI	Approved
		5	HAVELLS INDIA LTD., NOIDA (UP)	Approved
		6	KEI INDUSTRIES LTD., NEW DELHI	Approved


Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		7	PARAMOUNT COMMUNICATIONS LTD., NEW DELHI	Approved
		8	POLYCAB WIRES PVT. LTD., MUMBAI	Approved
		9	TORRENT CABLES LTD., GUJARAT	Approved
		10	THERMO CABLES LTD., HYDERABAD	Approved
		11	CRYSTAL CABLE INDUSTRIES LTD., KOLKATA	Approved
		12	SUYOG ELECTRICALS LTD., GUJARAT	Approved
		13	CMI LTD., NEW DELHI	Not Approved
		14	APAR INDUSTRIES LTD., MUMBAI	Not Approved
		15	KEC INTERNATIONAL LIMITED, MUMBAI	Not Approved
		16	TIRUPATI PLASTOMATICS PVT. LTD., RAJASTHAN	Not Approved
		17	DYNAMIC CABLES LIMITED, RAJASTHAN	Not Approved
		18	GUPTA POWER INFRASTRUCTURE LIMITED, GHAZIABAD (UP)	Not Approved
		19	GOVIND CABLE INDUSTRIES, GHAZIABAD (UP)	Not Approved
		20	RAVIN CABLES LIMITED, MUMBAI	Not Approved
		21	SRIRAM CABLES PVT. LTD., NEW DELHI	Not Approved
		22	SPECIAL CABLES PVT. LTD., NEW DELHI	Not Approved
6	CABLE TRAYS & ACC.	1	INDIANA GRATINGS PVT. LTD., MUMBAI	Approved
		2	INDUSTRIAL PERFORATION (I) PVT.LTD., KOLKATA	Approved
		3	PREMIER POWER PRODUCTS (CAL) PVT. LTD., KOLKATA	Approved
		4	RUKMANI ELECTRICAL & COMPONENTS PVT LTD., KOLKATA	Approved
		5	RABI ENGINEERING WORKS PVT. LTD., KOLKATA	Approved
		6	UNITECH FABRICATORS AND ENGINEERS PVT	Approved



Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
			LTD., KOLKATA	
		7	INDIA ELECTRICALS SYNDICATE, KOLKATA	Approved
		8	PATNY SYSTEMS PVT. LTD., TELANGANA	Approved
		9	RATAN PROJECTS & ENGINEERING CO. PVT. LTD., KOLKATA	Approved
		10	VINFAB ENGINEERS INDIA PVT. LTD., MUMBAI	Approved
		11	ADVANCE POWER PRODUCTS, KOLKATA	Not Approved
		12	EROS METAL WORKS (P) LTD., MAHARASHTRA	Not Approved
		13	INDMARK FORMTECH PVT. LTD., MAHARASHTRA	Not Approved
		14	MAHESHWARI ELECTRICAL MFRS. PVT. LTD., UP	Not Approved
		15	NAMDHARI INDUSTRIAL TRADERS PVT. LTD, PUNJAB	Not Approved
		16	PARMAR METALS PVT.LTD., RAJKOT	Not Approved
		17	PENTAX FERRO INCORPORATE, MUMBAI	Not Approved
		18	SARAL INDUSTRIES, UP	Not Approved
		19	VATCO ELEC-POWER PVT. LTD., MUMBAI	Not Approved
7	CABLE TRAY SUPPORT SYSTEM (WELDED TYPE)	1	ASSOCIATED POWER STRUCTURES PVT. LTD.,	Approved
		2	PATNY SYSTEMS (P) LTD., TELANGANA	Approved
		3	INDUSTRIAL PERFORATION (I) PVT.LTD., KOLKATA	Approved
		4	RATAN PROJECTS & ENGINEERING CO. PVT.LTD., KOLKATA	Approved
		5	TJSV STEEL FABRICATION & GALVANIZING (INDIA) LIMITED, TAMIL NADU	Approved
		6	VINFAB ENGINEERS INDIA PVT. LTD., MUMBAI	Approved
		7	EROS INFRASTRUCTURES PVT. LTD., MAHARASHTRA	Not Approved

PUSK
Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		8	INDMARK FORMTECH PVT. LTD., MAHARASHTRA	Not Approved
		9	JAGANNATHAN ENGINEERING WORKS, TAMIL NADU	Not Approved
		10	NAMDHARI INDUSTRIAL TRADERS PVT. LTD., PUNJAB	Not Approved
		11	PENTAX FERRO INCORPORATE, MUMBAI	Not Approved
		12	PREMIER POWER PRODUCTS (CAL) PVT. LTD., KOLKATA	Not Approved
		13	PARMAR METALS PVT.LTD., RAJKOT	Not Approved
		14	RABI ENGINEERING WORKS PVT. LTD., KOLKATA	Not Approved
		15	RUKMANI ELECTRICAL & COMPONENTS PVT LTD., KOLKATA	Not Approved
		16	SARAL INDUSTRIES, UP	Not Approved
		17	UNITECH FABRICATORS AND ENGINEERS PVT LTD., KOLKATA	Not Approved
8	ABOVE GROUND EARTHING MATERIAL	1	ASSOCIATED POWER STRUCTURES PVT. LTD.GUJARAT	Approved
		2	INDUSTRIAL PERFORATION (I) PVT.LTD., KOLKATA	Approved
		3	PREMIER POWER PRODUCTS (CAL) PVT. LTD., KOLKATA	Approved
		4	PATNY SYSTEMS (P) LTD, TELANGANA	Approved
		5	RUKMANI ELECTRICAL & COMPONENTS PVT LTD., KOLKATA	Approved
		6	UNITECH FABRICATORS AND ENGINEERS PVT LTD., KOLKATA	Approved
		7	INDIA ELECTRICALS SYNDICATE, KOLKATA	Approved
		8	RATAN PROJECTS & ENGINEERING CO. PVT.LTD., KOLKATA	Approved
		9	INDMARK FORMTECH PVT. LTD., MAHARASHTRA	Not Approved
		10	JAGANNATHAN ENGINEERING WORKS, TAMIL NADU	Not Approved
		11	PASSIVE INFRA PROJECTS PVT. LTD., NEW DELHI	Not Approved
		12	EROS INFRASTRUCTURES PVT. LTD., MAHARASHTRA	Not Approved


Chief Engineer/TPC

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YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		13	RAJASTHAN METAL SMELTING CO. RAJASTHAN	Not Approved
		14	RABI ENGINEERING WORKS PVT. LTD., KOLKATA	Not Approved
		15	SARAL INDUSTRIES, UP	Not Approved
9	TREFOIL CLAMPS	1	AJMERA INDUSTRIAL & ENGINEERING WORKS, MUMBAI	Approved
		2	ELECTROMAC INDUSTRIES, MUMBAI	Approved
		3	MOULDED FIBREGLASS PRODUCTS, KOLKATA	Approved
		4	SUMIP COMPOSITES PVT.LTD., GUJARAT	Approved
		5	AERON COMPOSITE PVT. LTD., GUJARAT	Not Approved
10	CABLE TERMINATION & JOINTING KITS	1	ABB LIMITED FARIDABAD	Approved
		2	3M ELECTRO AND COMMUNICATION INDIA P.LTD., NEW DELHI	Approved
		3	RAYCHEM RPG PRIVATE LIMITED, NEW DELHI	Approved
		4	YAMUNA CABLE ACCESSORIES PVT. LTD., HARYANA	Approved
		5	HARI CONSOLIDATED PVT. LTD., NEW DELHI	Approved
		6	CLASSIC ENTERPRISES, MUMBAI	Not Approved
11	LIGHTING FIXTURES,LAMPS & MISC. ITEMS	1	AVAIDS TECHNOVATORS PVT. LTD., NEW DELHI	Approved
		2	BAJAJ ELECTRICALS LTD., MUMBAI	Approved
		3	CGL, NEW DELHI	Approved
		4	HAVELLS, NEW DELHI	Approved
		5	MIKA ENGINEERS THANE, MAHARASHTRA	Approved
		6	PHILIPS ELECTRONICS INDIA LTD	Approved
		7	HPL ELECTRIC & POWER LTD, NEW DELHI	Not Approved
		8	HALONIX TECHNOLOGIES (P) LTD., NOIDA (UP)	Not Approved
12	RIGID STEEL CONDUITS	REPUTED BIS MAKES SHALL BE ENSURED		

PV Sanyal 23/10/18
Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
13	PVC WIRES	REPUTED BIS MAKES SHALL BE ENSURED		
14	DISTRIBUTION BOARDS	1	AMARA RAJA POWER SYSTEMS LIMITED, NEW DELHI	Approved
		2	CHHABI ELECTRICALS PVT.LTD., MAHARASHTRA	Approved
		3	C&S ELECTRIC LIMITED, NEW DELHI	Approved
		4	EMERSON NETWORK POWER, THANE	Approved
		5	HITACHI-HIREL POWER ELECTRONICS, GANDHINAGAR	Approved
		6	HBL POWER SYSTEMS LTD., TELANGANA	Approved
		7	JASPER ENGINEERS PVT. LTD., NOIDA, UP	Approved
		8	JACKSON ENGINEERS LIMITED, NOIDA, UP	Approved
		9	LARSON & TOUBRO LTD., MUMBAI	Approved
		10	NITYA ELECTROCONTROLS PVT. LTD., UP	Approved
		11	RSI SWITCHGEAR PVT. LTD.,RAJASTHAN	Approved
		12	SIEMENS LIMITED,HARYANA	Approved
		13	AVAIDS TECHNOVATORS PVT. LTD., NEW DELHI	Not Approved
		14	BCH ELECTRIC LTD., FARIDABAD	Not Approved
		15	RYB SWITCHGEARS PVT. LTD., NEW DELHI	Not Approved
15	OIL FILLED SERVICE TRANSFORMERS	1	ABB,HARYANA	Approved
		2	CGL, NEW DELHI	Approved
		3	DANISH PRIVATE LIMITED, RAJASTHAN	Approved
		4	EMCO LIMITED, NEW DELHI	Approved
		5	ESENNAR TRANSFORMERS (P) LTD., TELANGANA	Approved
		6	KECL,HARYANA	Approved
		7	KRYFS POWER COMPONENTS LTD. , MUMBAI	Not Approved


Chief Engineer/TPC

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Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		8	SOUTHERN POWER EQUIPMENT COMPANY PVT. LTD.	Approved
		9	TOSHIBA, NEW DELHI	Approved
		10	VOLTAMP TRANSFORMERS LTD., GUJARAT	Approved
		11	KANO HAR ELECTRICALS LTD., UP	Not Approved
		12	TESLA TRANSFORMERS LTD., MADHYA PRADESH	Not Approved
16	FIRE SEALING SYSTEM	1	HILTI INDIA PRIVATE LIMITED, NEW DELHI	Approved
		2	LLOYD INSULATIONS (INDIA) LIMITED, NEW DELHI	Approved
		3	VIJAY SYSTEMS ENGINEERS PVT LTD., GUJARAT	Approved
		4	ASHARAM ENGINEERING AND FIRESTOP SYSTEM PRIVATE LIMITED, CHHATTISGARH	Not Approved
		5	MULTI KILFIRE PVT LTD., GUJARAT	Not Approved
		6	MURUGAPPA MORGAN THERMAL CERAMICS LTD., TAMIL NADU	Not Approved
		7	SIGNUM FIRE PROTECTION (INDIA) PVT LTD., MAHARASHTRA	Not Approved
		8	UNIFRAX INDIA PRIVATE LIMITED, GUJARAT	Not Approved
17	GCB	1	ABB SWITZERLAND LTD.,	Approved
		2	GRID SOLUTIONS SAS, FRANCE (Old Name:ALSTOM GRID SAS)	Approved
18	LT HR PVC CONTROL CABLE	1	CORDS CABLE INDUSTRIES LTD., NEW DELHI	Approved
		2	DELTON CABLES LTD., HARYANA	Approved
		3	DIAMOND POWER INFRASTRUCTURE LTD.	Approved
		4	GEMSCAB INDUSTRIES LTD., NEW DELHI	Approved
		5	HAVELLS INDIA LIMITED, NOIDA (UP)	Approved
		6	KEI INDUSTRIES LTD., NEW DELHI	Approved
		7	POLYCAB WIRES PVT. LTD., MUMBAI	Approved
		8	TORRENT CABLES LTD., GUJARAT	Approved

PV Singh 23/10/18
Chief Engineer/TPC

Annexure

YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/PS-PEM

Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. PEM Vendors Approval/D.No.51/18,Dt:23.10.2018

Sl. No	Package Name	Sl. No	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
		9	THERMO CABLES LTD., HYDERABAD	Approved
		10	UNIVERSAL CABLES LTD., MADHYA PRADESH	Approved
		11	SUYOG ELECTRICALS LTD., GUJARAT	Approved
		12	TORRENT POWER LTD., GUJARAT	Approved
		13	KEC INTERNATIONAL LIMITED, MUMBAI	Approved
		14	PARAMOUNT COMMUNICATIONS LTD., NEW DELHI	Approved
		15	ADVANCE CABLE TECHNOLOGIES (P) LTD., KARNATAKA	Approved
		16	CMI LTD., NEW DELHI	Not Approved
		17	ELKAY TELELINKS, NEW DELHI	Not Approved
		18	TEMPSSENS INSTRUMENT (I) PVT LTD., RAJASTHAN	Not Approved
		19	TIRUPATI PLASTOMATICS PVT. LTD., RAJASTHAN	Not Approved
		20	SPECIAL CABLES PVT. LTD., NEW DELHI	Not Approved
		21	APAR INDUSTRIES LTD., MUMBAI	Approved
		22	CABLE CORPORATION OF INDIA LTD., MUMBAI	Approved
		23	GOYOLENE FIBRES (INDIA) PVT.LTD., MUMBAI	Not Approved
		24	RAVIN CABLES LIMITED, MUMBAI	Not Approved
		25	RADIANT CORPORATION PRIVATE LIMITED, TELANGANA	Not Approved
		26	SRIRAM CABLES PVT. LTD., NEW DELHI	Not Approved
		27	SERVEL INDIA PVT. LTD., NEW DELHI	Not Approved
19	EPR INSULATED FIRE SURVIVAL CABLE	1	APAR INDUSTRIES LIMITED, GUJARAT	Approved
		2	KEI INDUSTRIES, NEW DELHI	Approved
		3	SUYOG ELECTRICALS LTD., GUJARAT	Approved
		4	CMI LTD., NEW DELHI	Not Approved


Chief Engineer/TPC

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**TELANGANA POWER GENERATION CORPORATION LIMITED**

(A Govt. Of Telangana Undertaking)

Vidyut Soudha, Hyderabad - 500082.

Phone: 040 - 23499261

Fax: 040 - 23499263.

From:

The Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairathabad
Hyderabad-500 082.
cetpctgenco@gmail.com

To:

M/s BHEL,
Industrial Systems Group,
P.B.No. 1249, Prof. C N R Rao Circle,
IISc Post, Malleswaram,
Bengaluru-560012
(P): 080-22184294
Email: amit_kumar@bhel.in

Kind Attention: Sri Amit Kumar, Sr. Manager (PMC)

Lr.No.ED/TPC/SE-3/EME-11/YTPS(5X800MW)/F.AHPVENDORS/D.No.53/18,Dt:24.10.18

Sir,

Sub: TSGENCO -YTPS (5X800MW) - AHP Sub-Vendor Approval-Reg.

Ref: 1) BHEL Letter Ref No: IS-1-15-2001/AHP Sub-Vendor Approval/08, Dt: 24.10.2018.

2) Lr.No.CE/TPC/SE-3/EME-11/YTPS(5X800MW)/F.VENDORS/D.No.49/18,Dt:11.09.18.

This is with reference to the letter (1) cited, wherein M/s BHEL requested to approve additional vendors for Ash Slurry Disposal Pipes package.

In this regard, it is to inform that Seven (7) Nos. of Vendors were already approved vide letter (2) cited for MSERW Pipes. Hence, approval of additional vendors cannot be considered now and M/s BHEL/ISG is requested to proceed with ordering of the Ash Slurry Disposal Pipes with the already approved Vendors.

Yours faithfully

CHIEF ENGINEER/TPC**Copy communicated to:**

1. DE/T to the Director(Projects)/TSGENCO, Vidyut Soudha, Hyderabad
2. Sri Y.A.Srinivas Rao, BHEL/PMG Camp Office, Vidyut Soudha, Hyderabad.
3. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad

**TELANGANA POWER GENERATION CORPORATION LIMITED**

(A Govt. Of Telangana Undertaking)

Vidyut Soudha, Hyderabad - 500082.

Phone: 040 - 23499261

Fax: 040 - 23499263.

From:

The Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairathabad
Hyderabad-500 082.

To:

M/s Bharat Heavy Electricals Limited,
Industrial Systems Group,
P.B.No.1249, Prof.C N R Rao Circle,
IISc Post, Malleswaram,
Bangalore-560012

Attention:Sri Amit Kumar, Sr.Manager/Project Management & Commercial**Lr.No.CE/TPC/SE-3/EME-11/YTPS(5X800MW)/F.Vendors/D.No.54/18,Dt:29.10.2018**

Sir,

Sub: TSGENCO -YTPS (5X800MW)- Additional Vendor for Ash Handling Package being
supplied M/s BHEL/ISG, Bangalore - Approval - Reg.

Ref: 1. Lr.No.CE/TPC/SE-3/EME-11/YTPS(5X800MW)/F.Vendors/D.No.49/18,Dt:11.09.2018
2. M/s BHEL letter ref: IS-1-15-2001/AHP Sub-Vendor Approval/06, Dt.23.10.2018.

Please refer to the letter cited (2) above, wherein M/s BHEL/ISG, Bangalore has requested for approval of M/s Macawber Beekay Pvt. Ltd, Noida as additional vendor for Ash Handling Package for Yadadri Thermal Power Station (5X800MW). The same was reviewed and TSGENCO hereby accords approval for M/s Macawber Beekay Pvt. Ltd, Noida as additional vendor for Ash Handling Package for Yadadri Thermal Power Station (5X800MW).

Sl.No.	Item Description	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
1	ASH HANDLING PACKAGE	MACAWBER BEEKAY PVT.LTD, NOIDA	Approved

Please note that this approval of vendors for Supply of items for Ash Handling Package does not absolve M/s BHEL of its responsibility of supplying and conforming to the relevant specifications and standards as per the terms and conditions of the contract.

Yours faithfully

**CHIEF ENGINEER/TPC**

Copy communicated to:

1. The Chief Engineer/Construction/YTPS Site/Dameracherla/Nalgonda.
2. FA&CCA (Res.)&CFO/TSGENCO/Vidyut Soudha/Hyderabad.
3. SE/Tech to The Chairman & Managing Director/TSGENCO/Vidyut Soudha/Hyderabad.
4. Superintending Engineer/Civil/YTPS Site/Dameracherla/Nalgonda(Dist.).
5. Dy CCA, YTPS-II/Co-ordination/Dameracherla/Nalgonda(Dist.).
6. DE/Tech to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
7. SAO/Pay&Accounts/TSGENCO/Vidyut Soudha/Hyderabad.
8. M/s Tata Consulting Engineers Limited,73/1,Sheriff Centre, St. Marks road, Bangalore-560 001.
9. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad
10. Sri Y.A.Srinivas Rao, BHEL/PMG Camp Office, Vidyut Soudha, Hyderabad.



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)
Bharat Heavy Electricals Limited
(A Government of India Undertaking)
इण्डस्ट्रियल सिस्टम्स ग्रुप
INDUSTRIAL SYSTEMS GROUP

फ़ोन/Phone : +91 80 2218 4072
फैक्स/Fax : +91 80 2218 4074
ई-मेल/E-mail : rtr@bhel.in
पी.बी.नं 1249, प्रो. सी. एन. आर. राव सर्कल
आईआईएससी पोस्ट मल्लेश्वरम
बेंगलूरु - 560 012
P. B. No. 1249, Prof. C. N. R. Rao Circle
IISc Post Malleswaram
Bengaluru-560 012

BHEL Ref No: IS-1-15-2001/Additional Vendors-machines_01

Date: 31.10.2018

To,
The Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairatabad, Hyderabad-500082.

Dear Sir,

Sub: 5x800MW Yadadri, Approval of Additional Vendor for machines-reg
Ref: BHEL Letter No: IS-1-15-2001/Additional Vendors-machines dtd: 25.10.2018

In continuation to the BHEL letter Dtd: 25.10.2018 for vendor approval for YADADRI 5X800MW machines supply, we have received credentials of an additional vendor as below.

The following additional vendor given their offer for supplying machines for the said package. We were waiting for the attested credential documents from embassy of India in Russia which we have received on 29.10.2018. We have evaluated the credentials and sending these documents for your kind review and approval as per Annexure-A01 with this letter.

- M/s. Furnace Fabrica India Ltd, Kolkota (in collaboration with M/s JSC Heavy Engineering Ormeto-Yumz, Russia for Wagon Tippler/ Side arm charger & Stacker reclaimers Machines)

M/s. Furnace Fabrica India Ltd, Kolkota:

M/s. Furnace Fabrica India Ltd, Kolkota is a new vendor submitted offer for all the equipment of Machine package as listed in Annexure-A01, in collaboration with M/s JSC Heavy Engineering Ormeto-Yumz, Russia for Wagon Tippler/ Side arm charger & Stacker reclaimers Machines. Respective credentials are attached for your kind reference. The other machines like crusher, screens and paddle feeder, the proposed vendor M/s. Furnace Fabrica India Ltd, Kolkota will procure from TSGENCO approved sources.

Based on the above, kindly accord your approval for the above vendor, to enable us to finalize the offers at the earliest and proceed with ordering.

Thanking you and assuring our best services all the time.

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LTD.

R. Tirupati Rao

(R Tirupati Rao)
Addl. General Manager /Head Engg (Mech.)



पंजीकृत कार्यालय 'बीएचईएल हाउस' सिरी फोर्ट, नई दिल्ली - 110 049
वेबसाइट: www.bhel.com कॉर्पोरेट पहचान संख्या: L74899DL1964GOI004281
Regd. Office: 'BHEL House' Siri Fort, New Delhi - 110 049
Website: www.bhel.com Corporate Identity Number: L74899DL1964GOI004281



ANNEXURE-A01

List of Proposed Vendors for approval of TSGENCO for 5X800MW YADADRI TPS

Coal Handling Plant (CHP) MACHINES- PROPOSED VENDOR LIST -002

BHEL Unit: BHEL-ISG			Date: 31.10.18
Sl.No.	Item Description	Proposed Vendors for Yadadri 5X800MW	Remarks
		The following Approved vendors status as per TSGENCO letter for KTPS (1X800MW) Ref: 1) Lr. No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.86/15, Dt. 25.05.2015 2) Lr. No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.15/15, Dt. 09.04.2015	
1	STACKER & RECLAIMER	Larsen & Toubro, CHENNAI	All details given with the Letter Ref. IS-1-15-2001/Additional Vendors-machines Dtd. 25.10.2018
		ELECON EPC PROJECTS LIMITED (Formerly Elecon Engineering Co., Ltd), VALLABH VIDYANAGAR-	
		ThyssenKrupp Limited, PIMPRI PUNE	
		McNally Bharat Engineering Ltd, KOLKATA	
		Tenova India Pvt. Ltd, Chennai	Additional Vendor
		Hunan Changzhong Machinery Co. Ltd., China	Additional Vendor
		M/s JSC Heavy Engineering Ormeto-Yumz , Russia	Seeking for approval. Credentials given in Annexure
2	WAGON TIPPLER & SIDE ARM CHARGER	Larsen & Toubro, CHENNAI	All details given with the Letter Ref. IS-1-15-2001/Additional Vendors-machines Dtd. 25.10.2018
		ELECON EPC PROJECTS LIMITED (Formerly Elecon Engineering Co., Ltd), VALLABH VIDYANAGAR-	
		ThyssenKrupp Limited, PIMPRI PUNE	
		McNally Bharat Engineering Ltd, KOLKATA	
		Tenova India Pvt. Ltd, Chennai	Additional Vendor
		Wuhan Power Equipment factory, China (Collaborator of M/s. Hunan Changzhong Machinery Co. Ltd, China)	Additional Vendor
		M/s JSC Heavy Engineering Ormeto-Yumz , Russia	Seeking for approval. Credentials given in Annexure
3	SCREEN	Larsen & Toubro, CHENNAI	All details given with the Letter Ref. IS-1-15-2001/Additional Vendors-machines Dtd. 25.10.2018
		ELECON EPC PROJECTS LIMITED (Formerly Elecon Engineering Co., Ltd), VALLABH VIDYANAGAR-	
		McNally Bharat Engineering Ltd, KOLKATA	
		ThyssenKrupp Limited, PIMPRI PUNE	Additional Vendor
		M/s Shandong Shankung Machinery Co. Ltd, China (Collaborator of M/s. Hunan Changzhong Machinery Co. Ltd, China)	Additional Vendor
4	CRUSHERS	Larsen & Toubro, CHENNAI	All details given with the Letter Ref. IS-1-15-2001/Additional Vendors-machines Dtd. 25.10.2018
		ELECON EPC PROJECTS LIMITED (Formerly Elecon Engineering Co., Ltd), VALLABH VIDYANAGAR-	
		ThyssenKrupp Limited, PIMPRI PUNE	
		McNally Bharat Engineering Ltd, KOLKATA	Additional Vendor
		M/s Shandong Shankung Machinery Co. Ltd, China (Collaborator of M/s. Hunan Changzhong Machinery Co. Ltd, China)	Additional Vendor
5	PADDLE FEEDER	Larsen & Toubro, CHENNAI	All details given with the Letter Ref. IS-1-15-2001/Additional Vendors-machines Dtd. 25.10.2018
		ELECON EPC PROJECTS LIMITED (Formerly Elecon Engineering Co., Ltd), VALLABH VIDYANAGAR-	
		ThyssenKrupp Limited, PIMPRI PUNE	
		McNally Bharat Engineering Ltd, KOLKATA	Additional Vendor
		M/s Shandong Shankung Machinery Co. Ltd, China (Collaborator of M/s. Hunan Changzhong Machinery Co. Ltd, China)	Additional Vendor



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(भारत सरकार का उपक्रम)
Bharat Heavy Electricals Limited
(A Government of India Undertaking)
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INDUSTRIAL SYSTEMS GROUP

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प्री. बी. नं. 1249, प्रो. सी. एन. आर. राव सर्कल
आईआईएससी पोस्ट मल्लेश्वरम
बेंगलूरु - 560 012
P.B. No.1249, Prof. C N R Rao Circle
IISc Post Malleswaram
Bengaluru-560 012

BHEL Ref No: IS-1-15-2001/Additional Vendors-machines

Date: 25.10.2018

To,
The Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairatabad, Hyderabad-500082.

Dear Sir,

Sub: 5x800MW Yadadri, Approval of Additional Vendors for machines-reg.

We have floated enquiry on open tender basis for Machines package (i.e Wagon Tippler, Side Arm Charger, Apron feeder, Stacker/ Reclaimer, Paddle feeder, Crusher & Screen) for Yadadri 5X800MW TPS project. Offers of following vendors have been technically reviewed by us and found in order and these vendors are meeting the BHEL's technical PQ criteria stipulated for this package.

1. M/s L&T, Kolkata
2. M/s Elecon, Anand
3. M/s McNally Bharat Engineering Ltd, Kolkata
4. M/s Thyssen Krup Limited, Pimpri Pune
5. M/s Tenova India Pvt. Ltd., Chennai
6. M/s Hunan Changzhong Machinery Co. Ltd., China (in collaboration with M/s Wuhan Power Equipment factory, China & M/s Shandong Shankung Machinery Co. Ltd., China)

Vendors under Sl. 1 & 2, i.e, M/s L&T and M/s Elecon have been approved for all the machines of this package for KTPS project as per attached list (Annexure-A).

Vendors under Sl no 3 to 6, approval is required as mentioned below. (Details enclosed in attached Annexure-A)

- 3) M/s Mc Nally Bharat Engineering Ltd, Kolkata:
As per the KTPS approved vendor list this vendor is approved for the above machines except Paddle Feeder. Credentials of Paddle Feeder are attached for your review and approval.
- 4) M/s Thyssen Krup Limited, Pimpri Pune:
As per the KTPS approved vendor list, this vendor is approved for the above machines except Screen. Credentials of Screen are attached for your review and approval.
- 5) M/s Tenova India Pvt. Ltd. Chennai:
M/s Tenova India Pvt Ltd is a new vendor proposed for approval of Wagon Tippler, Stacker Reclaimer. Credentials of the same are attached for your review and approval. Other machines like Crusher, Screen and Paddle feeders will be sourced by them from approved vendors of TSGENCO. Currently M/s Tenova is executing and supplying Portal Reclaimer for Maitree Bangladesh Project (2X660MW) for BHEL-ISG.



ISO-14001:2004
OHSAS 18001:2007
Reg. No. RI9177830



पंजीकृत कार्यालय 'बीएचईएल हाउस' सिरी फोर्ट, नई दिल्ली - 110 049

वेबसाइट: www.bhel.com कॉर्पोरेट पहचान संख्या: L74899DL1964GOI004281

Regd. Office: 'BHEL House' Siri Fort, New Delhi - 110 049

Website: www.bhel.com Corporate Identity Number: L74899DL1964GOI004281





भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)
Bharat Heavy Electricals Limited
(A Government of India Undertaking)
इण्डस्ट्रियल सिस्टम्स ग्रुप
INDUSTRIAL SYSTEMS GROUP

6) M/s Hunan Changzhong Machinery Co. Ltd., China:

M/s Hunan Changzhong Machinery Co. Ltd., China is a new vendor submitted offer for all the equipments of Machine package as listed in Annexure-A, in collaboration with M/s Wuhan Power Equipment factory, China for supplying Wagon Tippler, Side arm charger and M/s Shandong Shankung Machinery Co. Ltd. China for supplying Crushers, Screens & Paddle Feeders. Respective credentials are attached for your kind review and approval. Currently M/s Hunan is executing Stacker reclaimer package for NTPC, North Karanpura ((3X660MW) and BIFPCL Maitree, Bangladesh (2x660MW) projects for BHEL ISG.

Based on the above, kindly accord your approval for the above vendors, to enable us to finalize the offers at the earliest and proceed with ordering.

Thanking you and assuring our best services all the time.

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LTD.

(R Tirupati Rao)
Addl. General Manager /Head Engg (Mech.)

IAS-ANZ



ISO-14001:2004
OHSAS 18001:2007
Reg. No. RI91/7830



पंजीकृत कार्यालय 'बीएचईएल हाउस' सिरी फोर्ट, नई दिल्ली - 110 049

वेबसाइट: www.bhel.com कॉर्पोरेट पहचान संख्या: L74899DL1964GOI004281

Regd. Office: 'BHEL House' Siri Fort, New Delhi - 110 049

Website: www.bhel.com Corporate Identity Number: L74899DL1964GOI004281



**TELANGANA STATE POWER GENERATION CORPORATION LIMITED**

(A Govt. Of Telangana Undertaking)

Vidyut Soudha, Hyderabad - 500082.

Phone: 040 - 23499261

Fax: 040 - 23499263.

From:

Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairathabad
Hyderabad-500 082.

To:

M/s Bharat Heavy Electricals Limited,
Industrial Systems Group,
P.B.No.1249, Prof.C N R Rao Circle,
IISc Post, Malleswaram,
Bangalore-560090

Attention:Sri Amit Kumar, Sr.Manager/Project Management & Commercial**Lr.No.CE/TPC/SE-3/EME-11/YTPS(5X800MW)/F.AHP Vendors/D.No.63/18,Dt:14.11.2018**

Sir,

Sub: TSGENCO -YTPS (5X800MW) - AHP Sub-vendor Approval -Reg

- Ref:1. Lr.No.CE/TPC/ SE-3/EME-11/YTPS (5x800MW)/F.AHP Vendors/D.No.49/18, Dt:11-09-2018
2. M/s BHEL letter ref: IS-1-15-2001/AHP Sub-Vendor Approval/08, Dt.24-10-2018
3. Lr.No.CE/TPC/ SE-3/EME-11/YTPS (5x800MW)/F.AHP Vendors/D.No.53/18, Dt:24-10-2018
4. M/s BHEL letter ref: IS-1-15-2001/AHP Sub-Vendor Approval/09, Dt.25-10-2018

This has the reference to the letter (4) cited, wherein M/s BHEL/ISG, Bangalore requested for approval of additional sub-vendors for Ash Slurry Disposal MSERW Pipes.

In this connection it is to inform that the letters issued from this office vide ref (1) and (3) holds good and M/s BHEL/ISG is requested to proceed with ordering of the Ash Slurry Disposal MSERW Pipes with the already approved vendors.

Yours faithfully

CHIEF ENGINEER/TPC**Copy communicated to:**

1. DE/Tech to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
2. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad
3. Sri Y.A.Srinivas Rao, BHEL/PMG Camp Office, Vidyut Soudha, Hyderabad.

**TELANGANA STATE POWER GENERATION CORPORATION LIMITED**

(A Govt. Of Telangana Undertaking)

Vidyut Soudha, Hyderabad - 500082.

Phone: 040 - 23499261

Fax: 040 - 23499263

From:
The Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairathabad
Hyderabad-500 082.
cetpctgenco@gmail.com

To:
M/s Bharat Heavy Electricals Limited,
Component Fabrication Plant,
Rudrapur (U S Nagar)-263153,
Uttarakhand.
T : 05944 - 257250
Email: rupesh@bhel.in

Kind Attention:Sri Rupesh Kumar, Dy Mgr.**Lr.No.CE/TPC/SE-3/EME-11/YTPS/F. Rud Vendors Approval/D.No. 70/18,Dt:18.12.2018**

Sir,

Sub: TSGENCO – Yadadri TPS (5X800MW) – Approval of Vendors furnished by M/s BHEL/
Rudrapur unit - Reg.

Ref: BHEL/RUD/ENGG./YADADRI/16-095-A-2/903/005,Dt:13/07/2018.

Please refer to the letter cited above, wherein M/s BHEL/ Rudrapur has requested for approval of vendors for Yadadri TPS (5X800MW). The same was reviewed and TSGENCO hereby accords approval for the vendors. The list of approved vendors is enclosed as Annexure.

Please note that this approval of vendors for Supply of following list of items does not absolve M/s BHEL of its responsibility of supplying and conforming to the relevant specifications and standards as per the terms and conditions of the contract.

Encl: List of TSGENCO Approved Vendors of M/s BHEL/Rudrapur Unit.

Yours faithfully,

Chief Engineer/TPC**Copy communicated to:**

1. The Chief Engineer/Construction/YTPS Site/Dameracherla/Nalgonda.
2. FA&CCA (Res.)&CFO/TSGENCO/Vidyut Soudha/Hyderabad.
3. SE/Tech to The Chairman & Managing Director/TSGENCO/Vidyut Soudha/Hyderabad.
4. Superintending Engineer/Civil/YTPS Site/Dameracherla/Nalgonda(Dist.).
5. Dy CCA, YTPS-II/Co-ordination/Dameracherla/Nalgonda(Dist.).
6. DE/Tech to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
7. SAO/Pay & Accounts/TSGENCO/Vidyut Soudha/Hyderabad.
8. M/s Tata Consulting Engineers Limited,73/1,Sheriff Centre, St. Marks road, Bangalore-560 001.
9. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad
10. Sri Y.A.Srinivas Rao, BHEL/PMG Camp Office, Vidyut Soudha, Hyderabad.

Annexure
YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/RUDRAPUR

Sl. No.	Package name	Sl. No.	Vendor proposed for approval	TSGENCO Remarks for YTPS (5x800MW)
1	Rubber Bellow	1	M/s Cori Engineers Pvt. Ltd., Chennai	Approved
		2	M/s Resistoflex Pvt. Ltd., Noida	Approved
		3	M/s The Rubber Products Ltd., Mumbai	Approved
		4	M/s Unirub Techno India Pvt. Ltd., Ludhiana	Approved
		5	M/s United Rubber Industries, Mumbai	Approved
		6	M/s Indian Rubber Products, Haridwar	Not Approved
		7	M/s Kanwal Industries Corporation, Noida	
2	Neutral Grounding Resistor	1	M/s Amp. Control Equipments Pvt. Ltd., Pune	Approved
		2	M/s Bhartia Cutler Hammer, Faridabad	Approved
		3	M/s Essen Electricals, Bangalore	Approved
		4	M/s Lachhman Electronics, New Delhi	Approved
		5	M/s RSI Switchgear, Bhiwadi	Approved
		6	M/s SR Narkhede Engg. Pvt. Ltd., Pune	Approved
		7	M/s Resitech Electricals Pvt. Ltd, Kolkata	Not Approved
		8	M/s Stesalit Telema, Solan, Himachal Pradesh	Approved
3	Neutral Grounding Transformer	1	M/s Pragati Electricals Pvt. Ltd., Thane	Approved
		2	M/s Prayog Electricals Pvt. Ltd., Pune	Approved
4	Lightning Arrester	1	M/s Elpro International Ltd., Pune	Approved
		2	M/s Oblum Electronics, Hyderabad	Approved
5	Surge Capacitor	1	M/s ABB India Pvt Ltd., Dehradun	Approved
		2	M/s Madhav Capacitor Pvt. Ltd., Pune	Approved
		3	M/s Magnawine Magnetics, Sangli	Approved
6	Current Transformer / Voltage Transformer	1	M/s Electrical Control & Systems, Vadodara	Approved
		2	M/s Kalpa Electricals, Bangalore	Approved
		3	M/s Mehru Electrical, Bhiwadi	Approved
		4	M/s Pragati Electricals Pvt. Ltd., Navi Mumbai	Approved
		5	M/s Prayog Electricals Pvt. Ltd., Pune	Approved
		6	M/s Paras Power Engg Pvt. Ltd., Bangalore	Approved
		7	M/s Silkaans Electrical Mfg. Co. Pvt. Ltd., Navi Mumbai	Approved
		8	M/s Vidyut Udyog, Nashik	Approved
7	Epoxy Insulator	1	M/s Krishna Polymers, Ghaziabad	Not Approved
		2	M/s A-Bond Strands Pvt. Ltd., Chennai	Approved
		3	M/s Baroda Bushing & Insulator, Vadodara	Approved
		4	M/s Baroda Mould & Dies, Vadodara	Approved
		5	M/s India Insulator, Miraj, Sangli	Not Approved
		6	M/s Ganpati Fibertech India (P) Ltd., Noida	Approved

R. S. Singh
CHIEF ENGINEER/TPC
455 of 1251

Annexure**YADADRI TPS(5X800MW) Approved Vendors List-M/s BHEL/RUDRAPUR**

8	Epoxy Seal Off Bushing	1	M/s A-Bond Strands Pvt. Ltd., Chennai	Approved
		2	M/s Baroda Bushing & insulator, Vadodara	Approved
		3	M/s Baroda Mould & Dies, Vadodara	Approved
		4	M/s Ganpati Fibertech India (P) Ltd., Noida	Approved
		5	M/s Krishna Polymers, Ghaziabad	Not Approved
9	Hot Air Blowing Equipment (HAB) / Air Pressurization Equipment (APE)	1	M/s Elmech Pneumatic Industries, New Delhi	Approved
		2	M/s Mellcon Engineers Pvt. Ltd., New Delhi	Approved
10	SPPT, LAPT & NG Cubicle Assembly	1	M/s BHEL	Approved
		2	M/s Mika Engineers, Mumbai	Approved
		3	M/s Pyrotech Electronics Pvt. Ltd., Udaipur	Approved
		4	M/s RSI Switchgear Pvt. Ltd., Bhiwadi	Approved
		5	M/s Power Gear Ltd., Bangalore	Approved
		6	M/s Karolia Lighting, Rudrapur	Not Approved
		7	M/s Stesalit Telema, Solan, Himachal Pradesh	
11	Copper Strip Flexible/Copper Braided Flexible	1	M/s B.B. Electro Technique, Mumbai/Thane	Approved
		2	M/s Cuprum Industries, Bhopal	Approved
		3	M/s Forward Engg. Industries, Bhopal	Approved
		4	M/s Rashm Enterprise, Bhopal	Approved
		5	M/s Shree Cable & Conductors Pvt. Ltd., Bhopal	Approved
		6	M/s Dalmia Construction, Mumbai	Approved
		7	M/s SRG Metal Craft, New Delhi	Approved
		8	M/s Karolia Lighting, Rudrapur	Not Approved
12	Support Structure	1	M/s Anil Steels Pvt. Ltd., Sonipat	Approved
		2	M/s Passive Infra projects Ltd., Rohtak	Approved
		3	M/s R S Infraproject, New Delhi	Approved
		4	M/s Saral Industries, Raibareilly	Approved
		5	M/s Nexo Structure, Ludhiana	Approved
		6	M/s Richardson & Crudas, Nagpur	Approved
		7	M/s Jamna Metal Company, New Delhi	Approved
		8	M/s Pioneer Fabricators, Meerut	Not Approved
		9	M/s Srishti Metals Pvt. Ltd., Sonipat	
		10	M/s Anjana Steel Industries Pvt Ltd., Kolkata	
		11	M/s Saxena Marine Tech Pvt Ltd., Ghaziabad	
		12	M/s Bhilai Engineering Corporation Ltd., Bhilai	
		13	M/s Nampa Steel & Power India Pvt Ltd, Kokata	


CHIEF ENGINEER/TPC
 456 of 1251

	TELANGANA STATE POWER GENERATION CORPORATION LIMITED (A Govt. of Telangana Undertaking)	
	Vidyut Soudha, Hyderabad - 500082. www.tsgenco.telangana.gov.in Phone: 040 - 23499261 Fax: 040 - 23499263.	
From: The Chief Engineer, Thermal Projects Construction, TSGENCO, Vidyut Soudha, Khairatabad, Hyderabad-500 082. Email ID: cetpctsgenco@gmail.com	To: M/s. Bharat Heavy Electrical Limited, Industrial Systems Group, Prof. C.N.R. Rao Circle, Iisc Post Malleswaram, Bengaluru - 560012. Email: rtr@bhel.in	

Lr.No.CE/TPC/SE-3/EME-7/YTPS(5X800MW)/F.NO. Vendor /D.No. 76 /19, Dtd. 10.10.2019.

Sir,

Sub: TSGENCO - Yadadri TPS (5X800MW) - Approval of Sub-Vendors for LHP (Limestone Handling Plant) & GHP (Gypsum Handling Plant) of FGD package - Issued - Reg.

Ref: 1. M/s. BHEL/ISG Ref No: IS-1-15-2001/Yadadri-FGD Pkg., Dt: 27.08.2019.
 2. M/s. BHEL/ISG email dt: 11.09.2019.
 3. M/s. TCE Ltr. No. TCE.11005A/PJ/K/042, Dt: 13.09.2019.

Please refer to the letter 1st cited above, wherein M/s BHEL/ISG/Bengaluru furnished the credentials of following sub-vendors for Limestone Handling Plant (LHP) and Gypsum Handling Plant (GHP) of FGD Package pertaining to YTPS (5X800 MW).

In this regard, the credentials of following sub-vendors are reviewed and recommendations of TSGENCO are tabulated as below for Limestone Handling Plant and Gypsum Handling Plant pertaining to YTPS (5X800 MW).

Sl. No.	Package/Plant	Name of Vendor	TSGENCO Remarks/ Recommendations
1	Limestone Handling Plant and Gypsum Handling Plant.	M/s. Bengal Tools Limited, Kolkata.	Approved
		M/s. Macawber Beekay Private Limited, Noida.	Approved
		M/s. OSM Projects Private Limited, Faridabad.	Not Approved.
		M/s. Hamtek Technologies India Private Limited, Hyderabad.	Not Approved.

Please note that the approval of above vendors for Limestone Handling Plant and Gypsum Handling Plant pertaining to YTPS(5X800 MW) does not absolve M/s BHEL of its responsibility of supplying and conforming to the relevant specifications and standards as per the terms and conditions of the contract.

Yours faithfully,



CHIEF ENGINEER/TPC

Copy to:

1. The Chief Engineer/Construction/YTPS Site/Dameracherla/Nalgonda.
2. FA&CCA (Res.)&CFO/TSGENCO/Vidyut Soudha/Hyderabad.

3. SE/Tech to the Chairman & Managing Director/TSGENCO/Vidyut Soudha/Hyderabad.
4. Superintending Engineer/Civil/YTPS Site/Dameracherla/Nalgonda(Dist.).
5. Dy CCA, YTPS-II/Co-ordination/Dameracherla/Nalgonda(Dist.).
6. DE/Tech to the Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
7. SAO/Pay&Accounts/TSGENCO/Vidyut Soudha/Hyderabad.
8. M/s Tata Consulting Engineers Limited,73/1, Sheriff Centre, St. Marks road, Bangalore-560 001.
9. M/s.TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad
10. Sri Y.A.Srinivas Rao, BHEL/PMG Camp Office, Vidyut Soudha, Hyderabad.

**TELANGANA STATE POWER GENERATION CORPORATION LIMITED**

(A Govt. Of Telangana Undertaking)

Vidyut Soudha, Hyderabad - 500082. www.tsogenco.telangana.gov.in**From:**

The Chief Engineer,
Thermal Projects Construction,
TSGENCO, Vidyut Soudha,
Khairatabad, Hyderabad-500 082.
E-Mail:cetpctgenco@gmail.com

To:

M/s BHEL/Trichy,
High Pressure Boiler Plant,
Tiruchirappalli – 620 014.
E-Mail:rtoppo@bhel.in

Kind Attention: Sri Rahul Toppo, Dy Manager/Commercial(FB), BHEL/Trichy

Lr.No.CE/TPC/421/YTPS (5X800 MW)/C&I-Vendors/D.No. 78 /2020, Dt:09.07.2020

Sir,

Sub: TSGENCO - YTPS-(5X800MW) – C&I Vendor/Additional Vendor Approval for supply of equipment as proposed by M/s BHEL/ TRICHY - Approval accorded - Reg.

Ref: 1) M/s.BHEL Ref:TP/11497/Vendor List/06, dt.21.12.2019.

2) M/s.TCE Ref.: No:TCE.11005A/PJ/K/069 dt:02.07.2020.

* * *

With reference to the M/s BHEL/Trichy request letter (1) and M/s TCE Comments cited in ref(2) above, regarding Controls & Instrumentation Vendor/Additional Vendor Approval for supply of equipment as proposed by M/s BHEL/ TRICHY, after careful examination TSGENCO remarks on additional vendor for supply of equipment as proposed by M/s BHEL/ TRICHY for YTPS (5X800 MW) project is as follows.

SNo	Item description	BHEL Proposed Addl. Vendor	TSGENCO Remarks
1.	Mass Flow Meter	ABB LIMITED, CHENNAI.	Approved
2.	ORIFICE PLATE ASSEMBLY	IA FLOW ELEMENTS PVT.LTD., CHENNAI	Approved
3.	FLOW NOZZLE	IA FLOW ELEMENTS PVT.LTD., CHENNAI	Approved
4.	FRP JUNCTION BOX	TECHNO GRIP, NAVSARI	Approved
5.	ERV CONTROLLER	VENKAT ELECTRONICS, TRICHY	Approved

SNo	Item description	BHEL Proposed Addl. Vendor	TSGENCO Remarks
6.	GAUGES: PRESSURE GAUGE	GOA INSTRUMENT INDUSTRIES, GOA	Approved
		GAUGES BOURDON(I) PVT LTD, PANVEL	Approved
		TEMPSENS INSTRUMENTS (I) PVT.LTD.,UDAIPUR	Approved
		NEW SCIENTIFIC REPAIRS AND TRADING COMPANY, KOLKATA	Approved
7.	GAUGES: TEMPERATURE GAUGE	PRESSURE AND TEMPERATURE CONTROL, KOLKATA	Approved
		TEMPSENS INSTRUMENTS (I) PVT.LTD.,UDAIPUR	Approved
		NEW SCIENTIFIC REPAIRS AND TRADING COMPANY, KOLKATA	Approved
8.	FLAME SCANHEAD ELECTRONICS CARD	VERATRONIKS,/HYDERABAD	Approved
9.	SONICTUBE ASY&SENSOR ASSY	JAGANNATHAN ENGINEERING WORKS ,TIRUCHIRAPALLI	Approved
		ESSEN INSTRUMENTATION & Electricals, TRICHY	Approved
10	HIGH PR. STARTUP SCV CONTROL VALVE	M/ s EMERSON PROCESS MANAGEMENT PVT LTD	Approved
11	ACTUATOR: PNEUMATIC REGULATOR	INSTRUMENTATION LTD., /KERALA	Approved
		KELTRON CONTROLS,/AROOR	Approved
12	ACTUATOR: PNEUMATIC(O/C)	SMC CORPORATION (INDIA) PVT. LTD.,/NOIDA.	Approved
		RMEBS CONTROLS PVT LTD,/THANE	Approved
13	STEEL SHEET JUNCTION BOXES	HULASI METALS PVT LTD, JAIPUR	Approved
		TECHNO GRIP, NAVSARI	Not Approved
		SAJAS ELECTRICALS, TRICHY	Approved
		SCG Ex d TECH PVT. LTD., CHENNAI	Not Approved
		VENKAT ELECTRONICS, TRICHY	Approved
		SHIBSHA INSTRUMENTS(INDIA) P.LTD., CHENNAI	Not Approved
		NITYA ELECTROCONTROLS PVT LTD, NOIDA	Approved

SNo	Item description	BHEL Proposed Addl. Vendor	TSGENCO Remarks
14	COMPENSATING / EXTENSION CABLE	CMI LIMITED, FARIDABAD	Not Approved
		KEI INDUSTRIES LIMITED, NEW DELHI	Not Approved
		UDEY PYROCABLES PVT LTD, MUMBAI	Approved
		ASSOCIATED CABLES PVT LTD, MUMBAI	Approved
15	SOLENOID VALVE	M/s IMI NORGREN HERION PVT. LTD, Noida,U.P	Approved

Please note that this C&I Vendor/Additional Vendor Approval for supply of equipment as proposed by M/s BHEL/ TRICHY does not absolve M/s BHEL of its responsibility of supplying and conforming to the relevant specifications and standards as per the terms and conditions of the contract.

Yours faithfully

P.V. Srinivas Rao

CHIEF ENGINEER/TPC

Copy communicated to:

1. The Chief Engineer/Construction/YTPS Site/Dameracherla/Nalgonda.
2. SE/Tech to The Chairman & Managing Director/TSGENCO/Vidyut Soudha/HYD.
3. Superintending Engineer/Civil/YTPS Site/Dameracherla/Nalgonda(Dist.).
4. Dy CCA, YTPS-II/Co-ordination/Dameracherla/Nalgonda(Dist.).
5. DE/Tech to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
6. SAO/Pay & Accounts/TSGENCO/Vidyut Soudha/Hyderabad.
7. M/s Tata Consulting Engineers Limited,73/1,Sheriff Centre, St. Marks road, Bangalore-560 001.
8. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad
9. Sri Y.A.Srinivas Rao, BHEL/PMG, Vidyut Soudha, Hyderabad.



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)
Bharat Heavy Electricals Limited
(A Government of India Undertaking)
इण्डस्ट्रियल सिस्टम्स ग्रुप
INDUSTRIAL SYSTEMS GROUP

फोन/Phone : +91 80 2218 4294
फैक्स/Fax : +91 80 2356 2713
ई-मेल/E-mail : amit_kumar@bhel.in
पो.बी.नं 1249, प्रो.सी.एन.आर.राव सर्कल
आईआईएससी पोस्ट मल्लेश्वरम
बैंगलुरु - 560 012
P.B. No.1249, Prof. C N R Rao Circle
II Sc Post Malleswaram
Bengaluru - 560 012

BHEL Ref No: IS-1-15-2001/AHP Sub-Vendor Approval/09

Dtd:25.10.2018

The Chief Engineer/TPC,
TSGENCO,
Vidyut Soudha, Khairatabad,
Hyderabad-500082
Telangana State.

Dear Sir,

Sub: 5 x 800 MW Yadadri TPS AHP Sub-Vendor Approval Reg.

TSGENCO Lr. No. CE/TPC/SE- 3/ EME- LI /YTPS(5X800MW)/F.VEN DORS/D.No.49/18, 11.09.18.

BHEL letter Ref No: IS-1-15-2001/AHP Sub-Vendor Approval/08 dated 24.10.18

TSGENCO Lr No. ED /TPC /SE-3 /EME-11/YTPS(5X800MW)/F.AHPVENDORS/D.No.53/18,24.10.18

We would like to inform you that BHEL ISG have floated open tender enquiry through E-Procurement for Ash Slurry Disposal MSERW Pipe (400 NB). Enquiry was addressed to all 7 approved vendors also specifically to quote against our tender enquiry. Response status against this enquiry is indicated below.

Sl. No	Approved vendors	Response against BHEL enquiry	Remarks
1	Steel Authority of India Limited (Sail)	Quoted	Technically qualified
2	Welspun Corp Limited	Quoted	Technically qualified
3	Asian mills private Limited	Not Quoted	
4	Rathnamani Metals & tubes	Not Quoted	
5	Surya Roshni Limited	Quoted	Technically qualified
6	JCO Gas pipe limited	Not Quoted	Not manufacturing 400 NB MSERW pipe
7	Jotindra steel & tubes limited	Not Quoted	Not manufacturing 400 NB MSERW pipe
	Vendor quoted but not qualified		
1	Dhanwant Metal Corporation	Quoted	Technically not qualified
	Request for additional vendors approval		
1	Maharashtra Seamless Limited	Quoted	Technically qualified
2	Jindal India Limited	Quoted	Technically qualified

Kindly note that out of 7 approved parties, 2 parties are not manufacturing the 400 NB MSERW pipe. Against balance 5 approved parties, 3 parties have quoted and found technically qualified.



पंजीकृत कार्यालय 'बीएचईएल हाउस' सिरी फोर्ट, नई दिल्ली - 110 049

वेबसाइट: www.bhel.com कॉर्पोरेट पहचान संख्या: L74899DL1964GOI004281

Regd. Office: 'BHEL House' Siri Fort, New Delhi - 110 049

Website: www.bhel.com Corporate Identity Number: L74899DL1964GOI004281





भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)
Bharat Heavy Electricals Limited
(A Government of India Undertaking)
इण्डस्ट्रियल सिस्टम्स ग्रुप
INDUSTRIAL SYSTEMS GROUP

M/s Jindal India Limited and M/s Maharashtra Seamless Limited have also quoted for the tender who are reputed supplier of MSERW pipes. They are meeting the qualification requirements and qualified for the tender also.

In view of above, we request you once again to review the credentials of 2 additional sub-vendors (M/s Jindal & M/s Maharashtra Seamless) and kindly accord approval at the earliest in order to enable us to proceed with ordering of the Ash Slurry Disposal Pipes.

Thanking you and assuring you of our best services always,

Yours faithfully,

Amit Kumar
Sr. Manager (PMC)

Enclosure: -

1. Maharashtra Seamless Ltd Credential
2. Jindal India Ltd Credential

Copy to: -

1. Shri Y.A. Srinivasa Rao GM (PMG) /BHEL



पंजीकृत कार्यालय 'बीएचईएल हाउस' सिरी फोर्ट, नई दिल्ली - 110 049

वेबसाइट: www.bhel.com कॉर्पोरेट पहचान संख्या: L74899DL1964GOI004281

Regd. Office: 'BHEL House' Siri Fort, New Delhi - 110 049

Website: www.bhel.com Corporate Identity Number: L74899DL1964GOI004281





भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)
Bharat Heavy Electricals Limited
(A Government of India Undertaking)
इण्डस्ट्रियल सिस्टम्स ग्रुप
INDUSTRIAL SYSTEMS GROUP

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आईआईएससी पोस्ट मल्लेश्वरम
बेंगलुरु - 560 012
P.B. No.1249, Prof. C N R Rao Circle
II Sc Post Malleswaram
Bengaluru -560 012

BHEL Ref No: IS-1-15-2001/AHP Sub-Vendor Approval/09

Dtd:25.10.2018

The Chief Engineer/TPC,
TSGENCO,
Vidyut Soudha, Khairatabad,
Hyderabad-500082
Telangana State.

Dear Sir,

Sub: 5 x 800 MW Yadadri TPS AHP Sub-Vendor Approval Reg.

TSGENCO Lr. No. CE/TPC/SE- 3/ EME- LI /YTPS(5X800MW)/F.VEN DORS/D.No.49/18, 11.09.18.

BHEL letter Ref No: IS-1-15-2001/AHP Sub-Vendor Approval/08 dated 24.10.18

TSGENCO Lr No. ED /TPC /SE-3 /EME-11/YTPS(5X800MW)/F.AHPVENDORS/D.No.53/18,24.10.18

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2	Welspun Corp Limited	Quoted	Technically qualified
3	Asian mills private Limited	Not Quoted	
4	Rathnamani Metals & tubes	Not Quoted	
5	Surya Roshni Limited	Quoted	Technically qualified
6	JCO Gas pipe limited	Not Quoted	Not manufacturing 400 NB MSERW pipe
7	Jotindra steel & tubes limited	Not Quoted	Not manufacturing 400 NB MSERW pipe
	Vendor quoted but not qualified		
1	Dhanwant Metal Corporation	Quoted	Technically not qualified
	Request for additional vendors approval		
1	Maharashtra Seamless Limited	Quoted	Technically qualified
2	Jindal India Limited	Quoted	Technically qualified

Kindly note that out of 7 approved parties, 2 parties are not manufacturing the 400 NB MSERW pipe. Against balance 5 approved parties, 3 parties have quoted and found technically qualified.



पंजीकृत कार्यालय 'बीएचईएल हाउस' सिरी फोर्ट, नई दिल्ली - 110 049

वेबसाइट: www.bhel.com कॉर्पोरेट पहचान संख्या: L74899DL1964GOI004281

Regd. Office: 'BHEL House' Siri Fort, New Delhi - 110 049

Website: www.bhel.com Corporate Identity Number: L74899DL1964GOI004281





भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)
Bharat Heavy Electricals Limited
(A Government of India Undertaking)
इण्डस्ट्रियल सिस्टम्स ग्रुप
INDUSTRIAL SYSTEMS GROUP

M/s Jindal India Limited and M/s Maharashtra Seamless Limited have also quoted for the tender who are reputed supplier of MSERW pipes. They are meeting the qualification requirements and qualified for the tender also.

In view of above, we request you once again to review the credentials of 2 additional sub-vendors (M/s Jindal & M/s Maharashtra Seamless) and kindly accord approval at the earliest in order to enable us to proceed with ordering of the Ash Slurry Disposal Pipes.

Thanking you and assuring you of our best services always,

Yours faithfully,

Amit Kumar
Sr. Manager (PMC)

Enclosure: -

1. Maharashtra Seamless Ltd Credential
2. Jindal India Ltd Credential

Copy to: -

1. Shri Y.A. Srinivasa Rao GM (PMG) /BHEL



पंजीकृत कार्यालय 'बीएचईएल हाउस' सिरी फोर्ट, नई दिल्ली - 110 049

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TELANGANA STATE POWER GENERATION CORPORATION LIMITED
VIDYUT SOUDHA::HYDERABAD - 500082.

CIN:U40102TG2014SGC094070 Phone:040-23499261,Fax:040-23499263.

Web site:www.tsqenco.co.in email id: cetpctqenco@gmail.com

From:

Chief Engineer,
Thermal Projects Construction,
TSGENCO, 3rd Floor, A-Block,
Vidyut Soudha, Khairatabad
Hyderabad-500 082.

To:

M/s Bharat Heavy Electricals Limited,
Power Sector-PEM,PPEI Building,
Plot No.25,Sector-16A,
Noida-201301(U.P).Tel: 0120-4368714
Email: shahwazahmed@bhel.in

Attention: Sri Shahwaz Ahmed, Dy.Engr/PG II

Lr.No.CE/TPC/SE-3/EME-14/YTPS/F.PEM Vendor Approval/D.No.01/20,Dt:04.01.2021

Sir,

Sub: TSGENCO – YTPS(5X800MW) – Approval of sub vendors of M/s THERMOSYSTEMS PVT. LTD.,HYDERABAD for Miscellaneous Tanks Package(Site fabricated) furnished by M/s BHEL/ PEM unit – Regarding.

- Ref:** 1) Lr.No. CE/TPC/SE-3/EME-11/YTPS/F.PEM Vendors Approval/D.No.51/18,Dt:23.10.2018.
 2) M/s BHEL/PEM LOI to M/s THERMOSYSTEMS PVT.LTD.,HYD.(LOI No.PW/PE/PG/YAD/P-69/20, dated:11.08.2020.
 3) M/s BHEL/PEM Lr. Ref: PEM/PG-II/417/0467M dated 16.12.2020.
 4) kick off meeting held on 26.02.2018 & 27.02.2018 at TSGENCO Headquarters, Hyderabad
 5) Lr.No.CE/TPC/SE-3/EME- 9/ YPTS (5X800MW)/ F.No.vendors/D.No.109/18,Dt:9.11.2018.
 6) Lr.No.CE/C/T/SE/TCD-I/EE/TCD-I/F.YTPS Bidders/D.No.194/2019,Dt:13.11.2019.
 7) Lr.No.CE/C/T/SE/TCD-I/EE/TCD-I/F.YTPS Bidders/D.No.365/2019-20,Dt:27.03.2020.

Please refer to the letter 3rd cited above, wherein M/s BHEL/PEM has requested for approval of sub vendors of M/s THERMOSYSTEMS PVT. LTD.,HYDERABAD for Miscellaneous Tanks Package(Site fabricated) pertaining to Yadadri TPS(5X800MW)

In this regard, it is to inform that the sub vendors of M/s THERMOSYSTEMS PVT. LTD.,HYDERABAD for Miscellaneous Tanks Package(Site fabricated) furnished by M/s BHEL/PEM are reviewed by TSGENCO and the remarks are furnished in the Column.4

List of Sub vendors for supplying of Miscellaneous Tanks Package(Site fabricated) of M/s THERMOSYSTEMS PVT. LTD., HYDERABAD

Sl. No. (1)	Item Description (2)	Name of Sub vendor/Place (3)	TSGENCO Remarks (4)
1.	GI PIPES ERW	JINDAL, GHAZIABAD/NAGOTHANE/BELLARY/BALANAGAR	Approved
2.	SS PIPES	RATNAMANI, GUJARAT	Approved
3.	STRUCTURAL STEEL	1. SAIL	Approved
		2. RINL	Approved
		3. JINDAL, Raigarh, CHHATTISGARH	Approved
4.	MS PLATES	1. SAIL	Approved
		2. ESSAR STEEL	Approved
		3. TISCO	Approved
		4. JINDAL, Raigarh, CHHATTISGARH	Approved

5.	PAINT	1. ASIAN PAINT	Approved
		2. BERGER	Approved
		3. KANSAI NEROLAC	Approved

Please note that this approval of vendors for supplying of Miscellaneous Tanks Package(Site fabricated), does not absolve M/s BHEL of its responsibility of supplying and conforming to the relevant specifications and standards as per the terms and conditions of the contract.

Yours faithfully

P.V. Soudha 4/1/21

CHIEF ENGINEER/TPC

Copy communicated to:

1. The Chief Engineer/Construction/YTPS Site/Dameracherla/Nalgonda.
2. Superintending Engineer/E&M/Stage-I/YTPS Site/Dameracherla/Nalgonda(Dist.).
3. FA&CCA (Res.)&CFO/TSGENCO/Vidyut Soudha/Hyderabad.
4. SE/Tech to The Chairman & Managing Director/TSGENCO/Vidyut Soudha/Hyderabad.
5. Dy CCA, YTPS-II/Co-ordination/Dameracherla/Nalgonda(Dist.).
6. DE/Tech to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
7. SAO/Pay & Accounts/TSGENCO/Vidyut Soudha/Hyderabad.
8. M/s Tata Consulting Engineers Limited,73/1,Sheriff Centre, St. Marks road, Bangalore-560 001.
9. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad
10. The GM,BHEL/PMG Camp Office/Vidyut Soudha/Hyderabad.

Sl.No.	Item Description	Name of the Vendor	TSGENCO Remarks
6.	AGITATORS (Vertical)	SJ INDUSTRIES, CHENNAI	APPROVED
7.	AGITATORS (Horizontal)	CLEAR WATER, NEW DELHI	APPROVED
8.	TWIN LOBE BLOWERS	USHA COMPRESSORS, AHMEDABAD	APPROVED
9.	GATE	H SARKAR, KOLKATA	APPROVED
10.	BALL VALVE (MANUAL & MOTORISED)	CAIR EUROMATIC AUTOMATION PVT. LTD., AHMEDABAD	APPROVED
11.	BUTTERFLY VALVE	STAFFORD CONTROLS LIMITED, CHENNAI	APPROVED
12.	GATE VALVE	SAP INDUSTRIES LTD, AHMEDABAD	APPROVED
		TECHNO VALVE, NASHIK	APPROVED
13.	NON RETURN VALVE	SAP INDUSTRIES LTD, AHMEDABAD	APPROVED
		TECHNO VALVE, NASHIK	APPROVED
14.	SOLENOID VALVE	ASTEN, AHMEDABAD	NOT APPROVED
15.	ELECTRICALLY OPERATED MONORAIL HOIST	ALPHA SERVICES, RAJASTHAN	APPROVED
		BRADY & MORRIS ENGG CO LTD., GUJARAT	APPROVED
		CONSOLIDATED HOISTS PVI LTD, PUNE	APPROVED
		CENTURY CRANE ENGINEERS PVT.LTD., HARYANA	APPROVED
		EDDY CMNES PVT. LTD., MUMBAI	APPROVED
		GRIP ENGINEERS PVT. LTD, HARYANA	APPROVED
		HERCULES HOISTS LTD, MAHARAstra	APPROVED
		LIFTING EQUIPMENTS AND ACCESSORIES, NEW DELHI	APPROVED

R.V. Suresh
CHIEF ENGINEER

Thermal Projects Construction
TSGENCO, Vidyut
Khairatabad, Hyderabad

Sl.No.	Item Description	Name of the Vendor	TSGENCO Remarks
		MELTECH CRANES, THANE	APPROVED
16.	MANUALLY OPERATED MONORAIL HOIST	ARMSEL MHE PVT. LTD, KARNATAKA	APPROVED
		BRADY & MORRIS ENGG CO LTD, GUJARAT	APPROVED
		CENTURY CRANE ENGINEERS PVT LTD, HARYANA	APPROVED
		CONSOLIDATED HOISTS PW LTD, PUNE	APPROVED
		HERCULES HOISTS LTD, MAHARASTRA	APPROVED
		LIFTING EQUIPMENTS AND ACCESSORIES, NEW DELHI	APPROVED
		SOUTHERN PLANTAID, TELANGANA	APPROVED
		TRACTEL TIRFOR INDIA PVT.LTD., HARYANA	APPROVED
		TRANSPADE ENGG PVT LTD, KARNATAKA	APPROVED
		TUOBRO FURGUSON (INDIA) PVT LTD, KOLKATA	APPROVED
		UNIVERSAL HOIST-O-FABRIK, MAHARASHTRA	APPROVED
17.	TRACTOR	EICHER, INDIA	APPROVED
		MAHINDRA & MAHINDRA, INDIA	APPROVED
		SONALIKA, INDIA	APPROVED
		ESCORT, INDIA	APPROVED
		SWARAJ, INDIA	APPROVED
		JOHN DEERE, INDIA	APPROVED
ELECTRICAL AND INSTRUMENTATION			
1.	PLC	ENERGY VENTURES (SYSTEM INTEGRATOR FOR ROCKWELL AUTOMATION), NEW DELHI	APPROVED

Sl.No.	Item Description	Name of the Vendor	TSGENCO Remarks
		PRIME CONTROLS,PUNE (SYSTEM INTEGRATOR FOR GE FANUC),PUNE	APPROVED
		DELSYS AUTOMATION,CHENNAI, (SYSTEM INTEGRATOR FOR GE FANUC & ROCKWELL AUTOMATION) BANGALORE	APPROVED
		COTMAC ELECTRONIC PVT LTD(SYSTEM INTEGRATOR FOR SIEMENS), PUNE/DELHI	APPROVED
		LADDER AUTOMATION SOLUTIONS PVT LTD(SYSTEM INTEGRATOR FOR HONEYWELL), HARYANA	APPROVED
		SUN INDUSTRIAL AUTOMATION & SOLUTION(SYSTEM INTEGRATOR FOR SCHNEIDER),CHENNAI	APPROVED
2.	UPS SYSTEM WITH ACDB	DUBAS, BANGALORE	NOT APPROVED
		FUJI ELECTRIC CONSUL NEOWATT PVT LTD,INDIA	APPROVED
		DELTA INDIA ELECTRONICS PVT LTD,CHENNAI	APPROVED
		HITACHI HIREL POWER ELECTRONICS, GANDHINAGAR	APPROVED
		M/s VERTIV ENERGY, (formerly M/s EMERSON NETWORK POWER), AMBERNIATH	APPROVED
3.	LEVEL GAUGE	PUNE TECHTROL PVT LTD, PUNE	APPROVED
4.	JUNCTION BOX	SHRENIK & COMPANY, GUJARAT	APPROVED
5.	TURBIDITY ANALYSER	HACH, CHENNAI	APPROVED
6.	LEVEL TRANSMITTER (ULTRA SONIC TYPE)	SIEMENS, INDIA	APPROVED
		EIP, MUMBAI	APPROVED
7.	FLOW SWITCH	GIC, MUMBAI	APPROVED
		SCIENTIFIC DEVICES, MUMBAI	NOT APPROVED

RV Srinivasulu

CHIEF ENGINEER

Thermal Projects Construction
TSGENCO, Vidyut Soudha,
Khairatabad, Hyderabad - 82.

Sl.No.	Item Description	Name of the Vendor	TSGENCO Remarks
		SWITZER, CHENNAI	APPROVED
8.	FIBER OPTIC CABLE	AKSH FIBRE, BHIWADI	APPROVED
		HFCL, GOA	APPROVED
		FINOLEX, PUNE	APPROVED
		D-LINK, INDIA	APPROVED
		BIRLA ERICSSON, REWA ,MADHYA PRADESH	APPROVED
		STERLITE, MUMBAI	APPROVED
		TERRACOM, INDIA	APPROVED
9.	CABLE TRAY	GEE DEE PACKAGES PVT LTD,MYSORE	APPROVED
		PRAMMEN INDUSTRIES, PUDUKKOTTAI	APPROVED
		PATNY SYSTEMS PVT. LTD,SECUNDERABAD	APPROVED
		M.J.ENGINEERING WORKS PVT. LTD, NEW DELHI	APPROVED
		JAMNA METAL COMPANY, NEW DELHI	APPROVED
		INNOSPACER ENGINEERING TECHNOLOGIES, BANGALORE	APPROVED
		INDIA ELECTRICALS SYNDICATE,KOLKATA	APPROVED
		APT ENGINEERING WORKS,NEW DELHI	APPROVED
		RUKMANI ELECTRICAL & COMPONENTS PVT,KOLKATA	APPROVED
		VATCO KHAIRHNE, NAVI MUMBAI	APPROVED
		KANADE ANAND UDYOG PVT. LTD, ANDHERI	APPROVED
		CHEMIN CONTROLS AND INSTRUMENTATION, PONDICHERY	APPROVED


CHIEF ENGINEER
 Thermal Projects Construction
 TSGENCO, Vidyut Soudha,
 Khairatabad, Hyderabad - 82.

Sl.No.	Item Description	Name of the Vendor	TSGENCO Remarks
		RATAN PROJECTS ENGINEERING COMPANY PVT LTD,KOLKATA	APPROVED
		SILVERLINE POWER INFRASTRUCTURE,VADODARA	APPROVED
		INDUSTRIAL PERFORATIONS,KOLKATA	APPROVED
		INDIANA GRATINGS PVT LTD,PUNE	APPROVED
		STEELITE ENGINEERING, MUMBAI	APPROVED
		AMTECH ENGINEERING, PUNE	APPROVED
		INAR PROFILES, VIZAG	APPROVED
10.	PRESSURE GAUGE	H,GURU INSTRUMENTS (SOUTH INDIA)PVT., BANGALORE	APPROVED
		GENERAL INSTRUMENTS CONSORTIUM,MUMBAI	APPROVED
		FORBES MARSHALL(HYD) LTD. HYDERABAD	APPROVED
11.	PRESSURE TRANSMITTER	HONEYWELL AUTOMATION INDIA LTD, INDIA	APPROVED
		ABB,INDIA	APPROVED
		EMERSON PROCESS (formerly FISHER ROSEMOUNT-USA),INDIA	APPROVED
		FUJI,INDIA	APPROVED
		SIEMENS LTD,INDIA	APPROVED
12.	INSTRUMENTS FITTINGS	FLUID CONTROLS PVT. LTD,PUNE	APPROVED
		PRECISION ENGG INDUSTRIES, MUMBAI	APPROVED
		EXCEL HYDRO-PNEUMATICS PVT LTD, MUMBAI	APPROVED
		METPRESS ENGINEERING WORKS, KOLKATA	APPROVED
		HP VALVES & FITTINGS (INDIA) PVT. LTD, CHENNAI	APPROVED

P. S. S. S. S. S.
CHIEF ENGINEER

Thermal Projects Construction
TSGENCO, Vidyut, 474 of 1251,
Khairatabad, Hyderabad.

Sl.No.	Item Description	Name of the Vendor	TSGENCO Remarks
		PMT ENGINEERS, AHMEDABAD	APPROVED
		PANAM ENGINEERS LTD, MUMBAI	APPROVED
13.	FLOW TRANSMITTER (PARSHALL FLUME)	SIEMENS,INDIA	APPROVED
		EIP ,MUMBAI	APPROVED
14.	ROTAMETER	EUREKA INDUSTRIAL EQUIPMENTS PVT LTD, PUNE	APPROVED
		SCIENTIFIC DEVICES (BOMBAY) PVT LTD, MUMBAI	APPROVED
		FLOWTECH INSTRUMENTS SERVICES, GUJARAT	APPROVED
		INSTRUMENTATION ENGINEERS PVT LTD, HYDERABAD	APPROVED

Please note that this Sub Vendor approval of M/s BHEL/BAP,Ranipet for supplying of Pre-treatment plant for Electrical, Mechanical and C&I items does not absolve M/s BHEL of its responsibility of supplying and conforming to the relevant specifications and standards as per the terms and conditions of the contract.

Yours faithfully



CHIEF ENGINEER/TPC

Copy communicated to:

1. The Chief Engineer/Construction/YTPS Site/Dameracherla/Nalgonda.
2. SE/Tech to The Chairman & Managing Director/TSGENCO/Vidyut Soudha/Hyderabad.
3. Superintending Engineer/Civil/YTPS Site/Dameracherla/Nalgonda(Dist.).
4. Dy CCA, YTPS-II/Co-ordination/Dameracherla/Nalgonda(Dist.).
5. DE/Tech to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
6. SAO/Pay&Accounts/TSGENCO/Vidyut Soudha/Hyderabad.
7. Sri S.Anil kumar/GM, BHEL/PMG, Vidyut Soudha, Hyderabad
8. M/s Tata Consulting Engineers Limited,73/1,Sheriff Centre, St. Marks road, Bangalore-560 001.
9. TCE, Site office, Room No.323, Vidyut Soudha, Hyderabad.

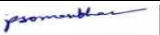
		PROJECT : YADADRI THERMAL POWER STATION (5X800MW)			
		OWNER : TELENGANA STATE POWER GENRATION CORPORATION LIMITED.			
		OWNER'S CONSULTANT: TATA CONSULTING ENGINEERING LIMITED BANGALORE.			
		EPC CONTRACTOR : BHARAT HEAVY ELECTRICALS LIMITED,RANIPETH- CHENNAI.			
		PACKAGE :7X65 CUM /HR DM WATER TREATMENT PLANT			
		PACKAGE OWNER: WIPRO ENTERPRISES PVT LTD.			
		DOC NAME : <u>DM PLANT - SUB VENDOR LIST</u>			
		BHEL DOC NO: 4-WT-500-01709 REV0	REV:- 02 Dated 15-07-2021		
		WIPRO DOC NO : A4-60003258-SVL-IC-01	REV:-P8 Dated 14-07-2021		
SUB-VENDER LIST OF DM PLANT					
Sr. No.	ITEM DESCRIPTION	SUB VENDOR NAME	LOCATION	STATUS	REMARK
Mechanical					
1	ATMOSPHERIC TANK (CS/SS)	MAHESH INDUSTRIES	PUNE	Credential Attached	
2	PRESSURE VESSEL (CS/SS)	VIKRANT INDUSTRIES	PUNE	Credential attached	
		MAHESH INDUSTRIES	PUNE	Credential Attached	
3	TANK (FRP)	COROSEAL EQUIPMENTS	MUMBAI	Credentials Attached	
4	METERING PUMPS/PRV	POSITIVE METERING PUMP	NASHIK	Lr.no.CE/TPC/SE-3/EME-11/YTPS/F.PEM Vendors Approval/D.no.51/18. Dt.23.10.2018 III Sl.no.6	
5	AGITATOR/STIRER	CEECONS	CHENNAI	Supplied for KTPS -ETP agitators, Supporting doc attached.-Approved drg. Attached	
6	UF MEMBRANES	TEAM	CHENNAI	Supplied for BTPS UF system. Supporting Doc. Attached.	
7	RESIN	ION EXCHANGE	MUMBAI	Supplied for BTPS. Supporting Doc. Attached.	
8	STRAINER	FLUIDNYE	PUNE	Supplied in KTPS . Supporting Doc. Attached.	
		TELEFLO STRAINERS & PRESSURE VESSELS	CHENNAI	Credential Attached	
9	HORIZONTAL CENTRIFUGAL PUMP	FLOWMORE LIMITED	GURGAON	Lr.no.CE/TPC/SE-3/EME-11/YTPS/F.PEM Vendors Approval/D.no.51/18. Dt.23.10.2018 Sl.no.1	
10	VERTICAL CENTRIFUGAL PUMPS	FLOWMORE LTD.	GURGAON	Lr.no.CE/TPC/SE-3/EME-11/YTPS/F.PEM Vendors Approval/D.no.51/18. Dt.23.10.2018 Sl.no.2	
11	NON METALLIC PUMPS	ENGINEERS COMBINE	THANE	Credentials attached	
12	CENTRIFUGAL BLOWER	DATTA AIR SYSTEMS	MUMBAI	Supplied in BTPS. Supporting Doc. Attached.	
13	TWIN LOBE BLOWER	USHA COMPRESSORS	AHAMEDABAD	Lr.No,CEITPC/SE-II/411YTPS(SXB00MW)/PTP-Sub Vendors/D.No.48 /2021.Dt:02.06.2021, Sl.no.8	
14	BUTTERFLY VALVES	INTERVALVE POONAWALLA LTD	PUNE,	Lr.No. CE/TPC/SE-3/EME-14/YTPS/F.Vendors Approval/D.No.143/18 dt.23.10.18 Sl.no.9	
		CRANE PROCESS FLOW TECHNOLOGY(I) LTD.,	PUNE	Supplied in BTPS Supporting Doc. Attached.	
		DELVAL FLOW CONTROLS PVT LTD,	CHENNAI	Lr.No. CE/TPC/SE-3/EME-14/YTPS/F.Vendors Approval/D.No.143/18 dt.23.10.18 Sl.no.9	
		NOVEL VALVE	MUMBAI	Credential Attached	
		SAP INDUSTRIES LTD	AHMEDABAD	Credential Attached	
		STAFFORD CONTROLS LIMITED	CHENNAI	Lr.No,CEITPC/SE-II/411YTPS(SXB00MW)/PTP-Sub Vendors/D.No.48 /2021.Dt:02.06.2021, Sl.no.11	
15	CAST IRON GATE/GLV/NRV/SRV	FLUIDLINE VALVES COMPANY PVT.LTD.	GHAZIABAD	Lr.no.CE/TPC/SE-3/EME-11/YTPS/F.PEM Vendors Approval/D.no.51/18. Dt.23.10.2018 II Sl.no.10	
		HAWA ENGINEERS / MARCK & CARE	AHMEDABAD	Lr.no.CE/TPC/SE-3/EME-11/YTPS/F.PEM Vendors Approval/D.no.51/18. Dt.23.10.2018 II Sl.no.10	
		TECHNO VALVE	NASHIK	Lr.No,CEITPC/SE-II/411YTPS(SXB00MW)/PTP-Sub Vendors/D.No.48 /2021.Dt:02.06.2021, Sl.no.12	
16	CONTROL VALVE (Butterfly Valve with pneumatic actuator)	DELVAL FLOW CONTROLS PVT LTD,	CHENNAI	Lr.No. CE/TPC/SE-3/EME-14/YTPS/F.Vendors Approval/D.No.143/18 dt.23.10.18 Sl.no.9	
		STAFFORD CONTROLS LIMITED	CHENNAI	Lr.No,CEITPC/SE-II/411YTPS(SXB00MW)/PTP-Sub Vendors/D.No.48 /2021.Dt:02.06.2021, Sl.no.11	
		Neles India Pvt Ltd (Previously know as Mesto)		Credentials Attached	
17	DUAL PLATE CHECK VALVES	ADVANCE	NOIDA	Supplied in BTPS. Supporting Doc. Attached.	
		LEADER	JALANDAR	Lr.No.CE/TPC/SE-3/EME-11/YTPS(5X800MW)/F.Vendors/D.No.49/18,Dt: 11 - 09-2018 Sno.16	
		SAP INDUSTRIES LTD	AHMEDABAD	Lr.No,CEITPC/SE-II/411YTPS(SXB00MW)/PTP-Sub Vendors/D.No.48 /2021.Dt:02.06.2021, Sl.no.13	
		Hawa Valve	MUMBAI	TSGENCO-Yadadri TPS letter reference Lr. No. CE/TPC/SE-3/EME-11/YTPS/ F. PEM Vendors Approval/ D.NO.51/18, DATED:23.10.2018	
18	BALL VALVE	INTERVALVE POONAWALLA LTD	PUNE,	Lr.no.CE/TPC/SE-3/EME-11/YTPS/F.PEM Vendors Approval/D.no.51/18. Dt.23.10.2018 II Sl.no.2	
		NOVEL VALVE	MUMBAI	Credential Attached	
		SAP INDUSTRIES LTD	AHMEDABAD	Credential Attached	
		Hawa Valve	MUMBAI	TSGENCO-Yadadri TPS letter reference Lr. No. CE/TPC/SE-3/EME-11/YTPS/ F. PEM Vendors Approval/ D.NO.51/18, DATED:23.10.2018	
19	SLUICE GATE	YASHWANT	MIRAJ	Supplied in KTPS, BTPS approved Vendor. Supporting Doc. Attached.	
		PROCON ENGINEERS	MUMBAI	Supplied in KTPS. Supporting Doc. Attached.	

20	DIAPHRAGM VALVE	CRANE PROCESS FLOW TECHNOLOGY	SATARA	Supplied in BTPS. Supporting Doc. Attached.	
		TECHNO VALVE	NASIK	Credential Attached	
21	PAINT	BERGER		Lr.No.CE/TPC/SE-3/EME-14/YTPS/F.PEM Vendor Approval/D.No.01/20Dt.04.01.2021 Sno.5	
		ASIAN PAINTS		Lr.No.CE/TPC/SE-3/EME-14/YTPS/F.PEM Vendor Approval/D.No.01/20Dt.04.01.2021 Sno.5	
		KANSAI NAROLAC		Lr.No.CE/TPC/SE-3/EME-14/YTPS/F.PEM Vendor Approval/D.No.01/20Dt.04.01.2021 Sno.5	
22	SAFETY SHOWER	UNICARE	MUMBAI	Supplied in BTPS. Supporting Doc. Attached.	
23	HANDLING EQUIPMENT	GRIP ENGINEERS		Sl.No:10; Approved sub vendor for YTPS(IG-AHP) vide Lr.No.CE/TPC/SE-3/EME-11/YTPS(5X800MW)/F.Vendors/D.No.49/18,Dt 11-09-2018.	
		UNIVERSAL HOIST-O-FABRIK		Sl.No:25;Approved Sub Vendor for YTPS(Trichy) vide Ltr.No: Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.143/18,Dt.23.10.18	
C&I					
1	PLC/SCADA	ROCKWELL AUTOMATION INDIA PVT LTD		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		GE INTELLIGENT PLATFORMS PVT LTD		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		SIEMENS INDIA LTD		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		SCHNEIDER ELECTRIC INDIA PVT LTD		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		HONEYWELL AUTOMATION INDIA LTD		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		ENERGY VENTURES (SYSTEM INTEGRATOR FOR ROCKWELL)		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		PRIME CONTROL PUNE (SYSTEM INTIGRATOR FOR GE FANUC)		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		DEL SYS AUTOMATION CHENNAI (SYSTEM INTEGRATOR FOR GE FANUC)		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		COTMAC ELECTRONIC PVT LTD(SYSTEM INTEGRATOR FOR SIEMENS)		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		SUN INDUSTRIAL AUTOMATION & SOLUTION (SYSTEM INTIGRATOR FOR SCHNEIDER)		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
		LADDER AUTOMATION SOLUTIONS PVT LTD(SYSTEM INTEGRATOR FOR HONEYWELL)		APPROVED SUB VENDOR for BTPS Vide. Lr.No.CE/411/BTPS(4x270MW)/C&I-Vendors/D.no.249/18, Dt.10.10.2018	
2	OFC	AKSH FIBRE, BHIWADI	BHIWADI	Sl. NO:62; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		HFCL-GOA	GOA	Sl. NO:62; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		FINOLEX		Sl. NO:62; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		D-LINK		Sl. NO:62; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		BIRLA ERICSSON,REWA		Sl. NO:62; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		STERLITE		Sl. NO:62; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		TERRACOM		Sl. NO:62; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
3	LAPTOP	HP		Sl. NO:47; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		DELL		Sl. NO:47; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		Lenovo		Sl. NO:47; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
4	WORKSPATIONS,SERVER,PC	HP		Sl. NO:57; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		IBM-LENOVO		Sl. NO:57; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		DELL		Sl. NO:57; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		HP		Sl. NO:59; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	

5	TFT MONITOR	DELL		Sl. NO:59; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		IBM-LENOVO		Sl. NO:59; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		SAMSUNG		Sl. NO:59; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
6	LVS	DELTA ELECTRONICS INDIA PVT. LTD. GURGAON		Sl. NO:53; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		PLAN ER- USA /PYROTECH-UDAIPUR		Sl. NO:53; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		BARCO ELECTRONIC SYSTEMS PVT LTD NOIDA		Sl. NO:53; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		CHRISTIE-USA		Sl. NO:53; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
7	PRINTER LASER/INKJET	EPSON(INKJET ONLY)		Sl. NO:58; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		IBM		Sl. NO:58; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		DELL		Sl.No:88; Approved sub vendor for KTPS(EDN) (Dtd 09.04.15) Annexure-II	
		HP		Sl. NO:58; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		CANON		Sl. NO:58; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		XEROX		Sl. NO:58; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		LEXMARK		Sl. NO:58; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
8	ETHERNET SWITCHES	HIRSCHMAN		Sl.No65;Approved sub vendor for BTPS(EDN)(Dt 18.08.15) Annexure-II	
9	COMPUTER FURNITURE	COSMOS MEDIA PRODUCTS PVT LTD ,NOIDA		Sl. NO:56; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		GODREJ AND BOYCE MANUFACTURING CO LTD		Sl. NO:56; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		PYROTECH WORKSPACE SOLUTIONS PVT LTD	UDAIPUR	Sl. NO:56; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		ADARSHA CONTROLS SYSTEMS PW LTD ,BANGALORE	BANGLORE	Sl. NO:56; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		OTS ,BANGALORE	BANGLORE	Sl. NO:56; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
10	MODULAR DESK/SERVER & PC RACK	ADARSHA CONTROLS SYSTEMS PW LTD ,BANGALORE	BANGLORE	Sl. NO:55; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		CHEMIN CONTROLS & INSTRUMENTAION	PANDICHERRY	Sl. NO:55; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I	
		COSMOS MEDIA PRODUCTS PVT LTD	NOIDA	Sl. NO:55; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I	
		PYROTECH WORKSPACE SOLUTIONS PVT LTD	UDAIPUR	Sl. NO:55; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I	
11	LEAD ACID BATTERY(PLANTE TYPE)	EXIDE INDUSTRIES, KOLKATA		Sl.No:02 of IV,Approved sub Vendor for YTPS(PEM) Vide Lr.No.CE/TPC/SE3/EME-11/YTPS/F.PEM Vendor Approval/D.No.51/18,Dt. 23.10.18	
		HOPPECKE, GERMANY		Sl.No:02 of IV,Approved sub Vendor for YTPS(PEM) Vide Lr.No.CE/TPC/SE3/EME-11/YTPS/F.PEM Vendor Approval/D.No.51/18,Dt. 23.10.18	
12	UPS SYSTEM WITH ACDB(3 PH INPUT 1 PH OUTPUT)	DELTA INDIA ELECTRONICS PVT LTD		Sl.No:01;Approved sub Vendor for KTPS Dtd 09.04.15 Annexure-1	
		HITACHI HIREL POWER ELECTRONICS,GANDHINAGAR		Sl. NO:64; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		M/s VERTIV ENERGY, AMBERNIATH (formerly M/s EMERSON NETWORK POWER)		Sl. NO:64; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		M/s KELTRON POWER ELECTRONICS,TRIVENDRUM		Sl. NO:64; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		FUJII ELECTRIC CONSUL NEOWATT PVT LTD		Lr.No.CE/TPC/411/YTPS(5X800MW)/C&I-ISG-MachinePkg Vendors/D.No.171/20-Dt.13.11.2020	Add as per mail dated - 27/07/2021
		HITACHI HIREL POWER ELECTRONICS,GANDHINAGAR		Sl.No:4 Approved sub vendor for KTPS(EDN)Dtd: 9/4/15) Annexure-1	

13	ACDB/DCDB	AMARARAJA POWER SYSTEMS LTD,TIRUPATI		Sl.No:4 Approved sub vendor for KTPS(EDN)Dtd: 9/4/15) Annexure-1	
		HBL POWER SYSTEMS HYDERABAD		Sl.No:4 Approved sub vendor for KTPS(EDN)Dtd: 9/4/15) Annexure-1	
		CHHABBI ELECTRICLAS ,JALGOAN		Sl.No:4 Approved sub vendor for KTPS(EDN)Dtd: 9/4/15) Annexure-1	
14	ANALYSER	ROSEMOUNT ANALYTICAL (EMERSON)		Sl. NO:85(swas); Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
15	TEMPERATURE GAUGES	GENERAL INSTRUMENTS CONSORTIUM /GAUGES (GIC)		Sl. NO:79; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
16	TEMPERATURE TRANSMITTER	EMERSON PROCESS MANAGEMENT		Sl.No:08; Approved sub Vendor for YTPS(Hyb) vide Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.141/18,Dt.23.10.18	
		ABB LTD,HYDERABAD		Sl.No:08; Approved sub Vendor for YTPS(Hyb) vide Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.141/18,Dt.23.10.18	
		YOKOGAWA INDIA LTD,BANGALORE		Sl.No:08; Approved sub Vendor for YTPS(Hyb) vide Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.141/18,Dt.23.10.18	
17	THERMOWELLS	GENERAL INSTRUMENTS CONSORTIUM		Sl. NO:78; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
18	LEVEL GAUGES	PUNE TECHTROL PW LTD,PUNE		Sl. NO:80; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		NISAN SCIENTIFIC PROCESS,MUMBAI		Sl.No:11;Approved sub vendor for KTPS(Hyb) vide Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15,Dt.29.06.2015	
19	LEVEL TARNSMITTER RADAR	EIP ENVIRO LEVEL CONTROLS PVT LTD		Approved in datasheet of BTPS DM Doc:4-WT-500-01020	
20	LEVEL TRANSMITTER(ULTRASONIC TYPE)	EIP ENVIRO LEVEL CONTROLS PVT LTD		Approved in datasheet of BTPS DM Doc:4-WT-500-01020	
21	DIFFERENTIAL PRESSURE GAUGES	GENERAL INSTRUMENTS CONSORTIUM		Sl. NO:74; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
22	PRESSURE GAUGES	GENERAL INSTRUMENTS CONSORTIUM		Sl. NO:74; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
23	PRESSURE AND DIFFERENTIAL PRESSURE TARNSMITTER	HONEYWELL AUTOMATION INDIA LTD		Sl. NO:66; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		ABB		Sl. NO:66; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		YOKOGAWA INDIA LTD		Sl. NO:66; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		FUJI		Sl. NO:66; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		ENDRESS + HAUSER(I) AUTOMATION,INDIA		Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I	
24	ROTAMETER (INLINE & By Pass)	EUREKA INDUSTRIAL EQUIPMENTS PVT LTD		Sl.No:4 Approved sub vendor for KTPS(PEM)Dtd: 1/11/14) Annexure-3	
		INSTRUMENTATION ENGINEERS PVT LTD		Sl.No:4 Approved sub vendor for KTPS(PEM)Dtd: 1/11/14) Annexure-3	
		SCIENTIFIC DEVICES (BOMBAY)PVT LTD		Sl.No:4 Approved sub vendor for KTPS(PEM)Dtd: 1/11/14) Annexure-3 Sl.No2;Approved sub vendor for BTPS(EDN)(Dt 18.08.15) Annexure-II	
25	ELECTRIC ACTAUTOR	ROTORK CONTROLS (I) PVT LTD		Sl.No:33; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
		AUMA INDIA		Sl.No:33; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
		LIMITORQUE INDIA LTD		Sl.No:33; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
		ROCKWELL AUTOMATION INDIA PVT LTD		Sl.No:33; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
26	AIR FILTER REGULATOR	ABB LTD,HYDERABAD		Sl.No:10; Approved sub Vendor for YTPS(Hyb) vide Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.141/18,Dt.23.10.18	
		VELJIAN HYDRAIR PVT LTD,HYDERABAD		Sl.No:10; Approved sub Vendor for YTPS(Hyb) vide Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.141/18,Dt.23.10.18	
		SMC pneumatics		Sl. NO:81; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	

		SHAVO NORGREN INDIA PVT LTD		Sl. NO:81; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		PLACKA INSTRUMENTS INDIA PVT LTD		Sl. NO:81; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		PARKER HANNIFIN INDIA PVT. LTD.		Sl. NO:81; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
27	LIE/LIR	CHEMIN CONTROLS PONDICHERRY		Sl. NO:98; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		INSTRUMENTATION LTD RAJASTHAN		Sl.No:21;Approved Sub Vendor for YTPS(Trichy) vide Ltr.No: Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.143/18,Dt.23.10.18	
		PRAMMEN INDUSTRIES		Sl.No:21;Approved Sub Vendor for YTPS(Trichy) vide Ltr.No: Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.143/18,Dt.23.10.18	
		PROCON INSTRUMENTATION PVT LTD		Sl. NO:98; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		PYROTECH ELECTRONICS PVT LTD		Sl. NO:98; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		SAJAS ELECTRICALS		Sl.No:07;Approved sub vendor for KTPS(Pipping Center-Boiler dtd) 09.04.15	
		CHEMTROLS SAMIL INDIA PVT LTD		Sl.No:07;Approved sub vendor for KTPS(Pipping Center-Boiler dtd) 09.04.15	
		D K INSTRUMENTS PVT LTD		Sl.No:07;Approved sub vendor for KTPS(Pipping Center-Boiler dtd) 09.04.15	
		GENERAL INSTRUMENTS CONSORTIUM		Sl.No:07;Approved sub vendor for KTPS(Pipping Center-Boiler dtd) 09.04.15	
		LEVCON INSTRUMENTS PVT LTD		Sl.No:07;Approved sub vendor for KTPS(Pipping Center-Boiler dtd) 09.04.15	
		V AUTOMATE,INDIA		Sl.No:07;Approved sub vendor for KTPS(Pipping Center-Boiler dtd) 09.04.15	
28	SOLENOID VALVES	ASCO		Sl.No:31;Approved sub Vendor for KTPS Dtd 09.04.15 Annexure-1	
		AVCON		Sl.No:15;Approved Sub vendor for YTPS(Hyb) vide Lr.No. CE/TPC/SE-3/EME-14/YTPS/F.Vendors Approval/D.No.06/19,Dt.08.01.19	
		ROTEX		Sl.No:31;Approved sub Vendor for KTPS Dtd 09.04.15 Annexure-1	
		YOKOGAWA		Sl.No:31;Approved sub Vendor for KTPS Dtd 09.04.15 Annexure-1	
29	FRP JUNCTION BOXES	BALIGA LIGHTING EQUIPMENT PVT LTD		Sl.No:11; Approved sub Vendor for YTPS(Hyb) vide Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.141/18,Dt.23.10.18	
		DEVI POLYMERS PVT LTD,CHENNAI		Sl.No:11; Approved sub Vendor for YTPS(Hyb) vide Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.141/18,Dt.23.10.18	
		HENSEL ELECTRIC INDIA PVT LTD,CHENNAI		Sl.No:11; Approved sub Vendor for YTPS(Hyb) vide Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.141/18,Dt.23.10.18	
		K S INSTRUMENTS PVT LTD		Sl.No:6 Approved sub vendor for KTPS(EDN)Dtd: 9/4/15) Annexure-1 Sl.No27;Approved sub vendor for KTPS(Trichy)(Dt 9/4/15) Sl.no:20 Mass Flow Meter FOPH reference	
		SUCHITRA INDUSTRIES		Sl.No:11; Approved sub Vendor for YTPS(Hyb) vide Lr.No:CE/TPC/SE-3/EME-14/YTPS/F.Vendor Approval/D.No.141/18,Dt.23.10.18	
		SHRENIK & COMPANY ,AHMEDABAD		Sl.No:6 Approved sub vendor for KTPS(EDN)Dtd: 9/4/15) Annexure-1	
30	JUNCTION BOX(METAL)	BALIGA LIGHLING,CHENNAI		Sl.No28;Approved sub vendor for BTPS(EDN)(Dt 18.08.15) Annexure-II	
		HI-POWER CONTROLS		Sl.No:07;Approved sub Vendor for KTPS Dtd 09.04.15- Attached	Reference attached
		PYROTECH, UDAIPUR		Sl. NO:65; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		CHEMIN CONTROLS, PONIDCHERRY		Sl. NO:65; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		ELECTRO MECHANICAL (INDIA),KOLKATA		Sl. NO:65; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		K.S. INSTRUMENTS, BANGALORE.		Sl. NO:65; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	

		KHODAY CONTROL SYSTEMS, BANGALORE		Sl. NO:65; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		SUCHITRA INDUSTRIES		Sl.No:06;Approved sub vendor for KTPS(Chennai) dtd 09.04.15-Attached	Reference attached
31	HART COMMUNICATOR	FUJI,JAPAN		Sl. NO:69; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		GE INDIA INDUSTRIAL PVT LTD		Sl. NO:69; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		FLUKE COORPORATION,USA		Sl. NO:69; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		ABB		Sl. NO:69; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		EMERSON		Sl. NO:69; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		YOKOGAWA		Sl. NO:69; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		MERIAM, USA		Sl. NO:69; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		HON EYWELL		Sl. NO:69; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
		FLUKE CORPORATION / USA		Sl. NO:69; Approved sub vendor for YTPS(EDN) vide Lr.No. CE/TPC/421/YTPS(5X800 MW)/C&I Vendors/D.No248/18,DT 03.11.2018	
32	LT MOTOR	CROMPTON GREAVERS LTD		Sl.No:27; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
		LAXMI HYDRAULICS PVT LTD		Sl.No:27; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
		BHARAT BIJLEE LTD		Sl.No:27; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
		SIEMENS		Sl.No:27; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
		KIRLOSKER ELECTRIC CO		Sl.No:27; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
		ABB		Sl.No:27; Approved sub vendor for YTPS(PEM-FOPH) Doc No:PE-V0-417-166-A035	
33	FLOW SWITCH	SWITZER	CHENNAI	Sl.No:07;Lr.No.CE/TPC/SE-II/411/YTPS(5X800MW)/PTP subvendors /D.No.48/2021 Dt.02.06.21	
		GIC	MUMBAI	Sl.No:07;Lr.No.CE/TPC/SE-II/411/YTPS(5X800MW)/PTP subvendors /D.No.48/2021 Dt.02.06.21	
		DK INSTRUMENTS	MUMBAI	Supplied in KTPS. Supporting doc. attached	
 P Somasekhar Dy. Manager Commercial BHEL-BAP,Ranipet					

1. Quality plan format is attached herewith.
2. Bidder shall prepare Quality plan for all equipment in the attached format for Approval.
3. Typical QAP of TSGENCO Project is also attached for reference.

Manufacturer's Logo, if available		MANUFACTURER'S NAME & ADDRESS:		MANUFACTURING QUALITY PLAN					PROJECT: BHEL PO NO & DATE: MQP NO: DATE: DD/MM/YYYY REV NO: PAGE: 1 OF 2					
				PRODUCT:										
Format No		SUB-SYSTEM :												
SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	AGENCY			REMARKS		
									M	C	N			
1	2	3	4	5	6	7	8	9	10			11		

1.0	RAW MATERIALS & BOUGHT OUT ITEMS (BOI):											
								√				
								√				
								√				
2.0	INPROCESS CONTROLS:											
								√				
								√				
								√				
3.0	FINAL INSPECTION :											
								√				
								√				
								√				
4.0	PAINTING, MARKING, PACKING AND PRESERVATION:											
								√				
								√				

		LEGEND: * RECORDS IDENTIFIED WITH “TICK” (√) SHALL BE ESSENTIALLY INCLUDED BY SUPPLIER IN QA DOCUMENTATION. ** M: MANUFACTURER, C: BHEL / BHEL AIA, N: CUSTOMER; P: PERFORM, W: WITNESS, V: VERIFICATION; CLASS: A - CRITICAL; B - MAJOR; C – MINOR; MTC- MILL /MANUFACTURER'S TEST CERTIFICATE; IR- INSPECTION REPORT.
PREPARED BY	REVIEWED & APPROVED BY	
MANUFACTURER	MAIN SUPPLIER (BHEL)	
SIGNATURE & SEAL		

ROS-6278

484 of 1251

Manufacturer's Logo, if available Format No		MANUFACTURER'S NAME & ADDRESS:		MANUFACTURING QUALITY PLAN					PROJECT: BHEL PO NO & DATE: MQP NO: DATE: DD/MM/YYYY				REV NO: PAGE: 2 OF 2			
				SUB-SYSTEM :												
SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	AGENCY			REMARKS				
									M	C	N					
1	2	3	4	5	6	7	8	9	D**	**	10	11				

- NOTES:**
1. Latest revision of standards & specifications shall apply.
 2. Materials shall be procured in compliance to Functional Technical Specification.
 3. Inspection shall be in compliance with approved Quality Control Procedure for the product.
 4. Qualified Personnel shall carry out NDT with compliance to approved NDT Procedures and Acceptance Norms, as per ASME Section V.
 5. Gauges and measuring Instruments, with valid calibration only shall be used
 6. Cleaning and Painting of products shall be carried out as per Approved Painting Schedule as applicable.
 7. Finished Products shall be packed to comply with approved Packing Schedule.
 8. BHEL Authorized representatives shall have the right to witness the necessary inspection and testing of goods mentioned in the PO. Inspection / Inspection wavier / approval by BHEL does not absolve Supplier's responsibility for conformity of the specification as per the terms of PO.
 9. QA Documentation package shall include copy of approved Data Sheets/ Drawings & QP, along with all Material Test Certificate (MTCs), CHPs, Material Dispatch Clearance Certificate for all items.
 10. This QP is applicable for mandatory spare also as applicable.

		LEGEND: * RECORDS IDENTIFIED WITH “TICK” (✓) SHALL BE ESSENTIALLY INCLUDED BY SUPPLIER IN QA DOCUMENTATION. ** M: MANUFACTURER, C: BHEL / BHEL AIA, N: CUSTOMER; P: PERFORM, W: WITNESS, V: VERIFICATION; CLASS: A - CRITICAL; B - MAJOR; C – MINOR; MTC- MILL /MANUFACTURER'S TEST CERTIFICATE; IR- INSPECTION REPORT.
PREPARED BY	REVIEWED & APPROVED BY	
MANUFACTURER	MAIN SUPPLIER (BHEL)	
SIGNATURE & SEAL		

QAP-ETEB-BLOWERS-R0 (28.04.2010)



QUALITY PLAN FOR EVEREST BLOWERS

(PERFORMANCE / MECHANICAL RUN ROUTINE TEST)

Email : info@everestblowers.com Ph. 011-45457777

Manf. Units (1) B-44 Mayapuri Industrial Area, Phase 1, New Delhi 110064
(2) 424, MIE, Phase 1, Bahadurgarh-124507

Ref. QAP- CRR

Project:-

1x800 MMV,

ETP

Client:

BHEL

EVEREST
AIR BLOWERS
CONTROLLED

QAP-ETEB-BLOWERS-R1
Date of issue 28.4.2010

No.	PART DETAIL	CHARACTERISTICS	CHECK	QUANTUM	REF. DOC.	ACCP. NORM	FORMAT	AGENCY	REMARKS
1.00	RAW MATERIAL								
1.01	BODY, END PLATES & ROTORS	MECHANICAL HARDNESS	Tensile Test Measurement	1 per Heat/Lot	IS 210:1993 / IS1865:1991	DATA SHEET / Manufacturer Specifications: G200	T.C / Compliance Report	MU R TP/C R	*FOR S.G IRON ROTORS TENSILE TEST ONLY
1.02	SHAFT *	CHEMICAL	CHEM. ANALYSIS	1 Per Manf. Lot	BS970(1955) / IS1865:1991	DATA SHEET / Manufacturer Specifications: EN19	T.C / Compliance Report	R R	
1.03	GEARS	CHEMICAL	CHEM. ANALYSIS	1 Per Manf. Lot	DIN17147 / DIN 17131 - AISI:5120/AISI 5115	DATA SHEET / Manufacturer Specifications: 20MNCRS	T.C / Compliance Report	R R	
2.00	IN PROCESS INSPECTION								
2.01	BODY, END PLATES, ROTOR	DIMENSIONS	MEASUREMENT	100%	MFG. DRG.	MFG. TOL.	Internal Inspection Report	P R	
2.02	BODY & PLATES	HYDROSTATIC	AT MIN 1.5Kg/cm2 FOR 10 MINUTES	100%	NO LEAKAGE	NO LEAK	Internal Inspection Report	P R	
2.03	SHAFTS	HARDNESS	SURFACE HARDNESS	HEAT LOT	MFG. DRG.	MFG. TOL.	Internal Inspection Report	P R	
2.04	GEARS	HARDNESS	SURFACE HARD.	HEAT LOT	MFG. DRG.	MFG. TOL.	Internal Inspection Report	P R	
2.05	ROTOR ASSEMBLY	BALANCING	DYNAMIC	100%	ISO 1940-1, 1986	Gr 6.3 /MANF. DRG.	Internal Inspection Report	P R	
3.00	FINAL INSPECTION								
3.01	PERFORMANCE TEST	FAD (Capacity), PRESSURE, POWER NOISE (at open site condition)	PERFORMANCE RUN NOISE SCALE (A)	100% BY EVEREST 1 PER MODEL BY CLIENT IF REQUIRE	BS 1571 II 1975 ISO1217 1996 & STP-01	BS 1571 I 1975 ISO1217 1996 & STP-01 PROCEDURE ONLY FOR REFERENCE	Internal Inspection Report Compliance Certificate	P W	
4.00	DESPATCH								
4.01	BLOWER ASSEMBLY PAINTING AND DESPATCH	A) Blower DIMENTION B) PAINTING C) Despatch	MEASUREMENT Completeness and defect free	100%	Mfg. Drawing/ Manufacturer's Standard Despatch clearance	MFG. TOL. Min. 100 DFT Despatch clearance	Manufacturers Compliance Report	P P P	

NOTES :-

- 1) Blower shall be tested by shop floor motors.
- 2) In case of any Deviation clearance to be taken from Engineering.
- 3) Noise for reference only. Actual verification at site on installation
- 4) For Unspecified issues/parameters manufacturers standards shall be referred and accepted

to Engg acceptance

Subject

APPROVED

12.01.12

W-volturno

Chief Engineer,

Normal Projects Constructive

TSGENCO, Vidyal South

khairatabad, Hyderabad

NOTE : This does not absolve / relieve the supplier from his responsibilities regarding the compliance of PO / Contract and other Engg / Quality approved documents.

12.01.12

TYPICAL QAPs

INSPECTION & TEST PLAN									
VENDOR : SWELORE ENGINEERING PVT. LTD.									
ADDRESS: 2109, PHASE III, G.I.D.C., VATWA, AHMEDABAD - 382 445									
CLIENT: MS. SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PVT.LTD									
P.O. NO.: SIMAP-929/L01SEP/16-17/3908 Dtd.: 22.12.2016									
EQUIPMENT									
1) GNC-17-AP 001/002 Acid Dosing Pumps - 02 Nos. 2) GNC-18-AP 001/002 Alkali Dosing Pumps - 02 Nos. 3) GNC-20-AP 001/002 Alum Dosing Pumps - 02 Nos.									
ITP No.: P20917 Rev.: 00 Date: 11.01.2017 Page: 1 of 1									
S.NO.	STAGES/ACTIVITIES	METHOD OF CHECK	QUANTUM CHECK	REFERENCE DOCUMENTS	ACCEPTANCE F NORMS	ORMAT RECORDS	Inspection By		REMARKS
1	2	3	4	5	6	7	Swelore	Client/TPA	8
1	METERING PUMP MATERIAL INSPECTION Liquid end Plate, Connection, Valve seat	TC Review	100%	APPD Drawings	Confirm to APPD Drawings / ASTM Specification	Chemical Test Certificate (#)	H	R	R
2	PERFORMANCE TEST a. Linearity ($\pm 3\%$) b. Repetitive Accuracy ($\pm 3\%$) c. Steady State Accuracy ($\pm 1\%$) d. Motor load Test at 100% stroke length e. Relief Valve Test (IN BUILT) Strip Test (Dismantle & Inspn- after performance Test) Dimensional & Visual Inspection (Major dimensions only)	Testing by per	100% swelore & 1 NO. model by CLIENT	APPD Drawings	APPD Drawings/API 675	Test Report	W	W	R
3	Strip Test (Dismantle & Inspn- after performance Test)	Wear & Tear	"	APPD Drawings	No defect	Test Report	H	W	R
4	Dimensional & Visual Inspection (Major dimensions only)	Measurement	"	APPD Drawings	APPD Drawings	Dimensional Report	W	W	R
5	Hydrotest of Liq. End. Block	Visual	"	APPD Drawings	No leakage	Test report	H	W	R
2	MOTOR FOR PUMPS Routine Test	Visual & Measurement	100%	Approved Datasheet	Approved Datasheet	Routine Test Certificate	R	R	R

NOTE : This approval does not absolve / relieve the supplier from his responsibilities regarding the compliance of PO / Contract and other Engg / Quality approved documents.

13.01.17

Prepared By  **Approved By**  **Approved By** 

Vendor   

Legends :- H - Hold W - Witness A - Approval R - Review

(#) NO MATERIAL TEST CERTIFICATES WILL BE PROVIDED FOR PLASTIC, PVC, CPVC, PTFE, ACRYLIC, P.P, GFT MATERIAL.

Chief Engineer, 

Thermal Projects Construction,
TSGENCO, Vidut Soudha,
Khairatabad, Hyderabad - 82.