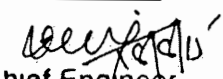
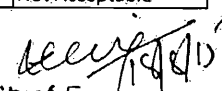


ANNEXURE -1			
Approved additional vendor list of M/s BHEL/EDN for 4x270MW Bhadradi TPS			
S.No	Item Description	Vendors	Remarks
C&I Mechanical items VENDOR LIST			
1	Air Filter Regulator	Janatics, Chennai	Not Acceptable
		SMC Pneumatics	Approved
		PARKER HANNIFIN INDIA PVT. LTD.	Approved
		Control Air, Pune	Not Acceptable
2	Bypass Rotameter	FLOW STAR ENGINEERING PVT. LTD., FARIDABAD	Approved
		FLOWTECH INSTRUMENTS SERVICES, VADODARA	Approved
		SCIENTIFIC DEVICES (BOMBAY) PVT. LTD., MUMBAI	Approved
3	CBLM Sys (Ultrasonic / Radar Type) Sensor	ENDRESS + HAUSER INDIA PVT. LTD. MUMBAI	Approved
		SIEMENS LIMITED BANGALORE	Approved
		K-TEK LONGMEADOW BUSINESS ESTATE EXT 5	Not Acceptable
		Vega, Germany	Approved
		Kronhe, Germany	Approved
		Emerson Process Managemetn	Approved
4	CBLM Sys (Ultrasonic /Radar Type) Panel	ENDRESS + HAUSER INDIA PVT. LTD. MUMBAI	Approved
		SIEMENS LIMITED BANGALORE	Approved
		K-TEK LONGMEADOW BUSINESS ESTATE EXT 5	Not Acceptable
		Vega, India	Approved
		Forbes Marshall, Pune	Approved
		Emerson Proces Management	Approved
5	Compression Fittings	PMT ENGINEERS, AHMEDABAD	Approved
6	Condensate Pots	PMT ENGINEERS, AHMEDABAD	Approved
		HP VALVES & FITTINGS (INDIA) PVT. L CHENNAI	Approved
7	Dust Density (Opacity) Monitor(Analyzer)	CODEL INTERNATIONAL LTD	Approved
		LAND INSTRUMENTS INTERNATIONAL ENGLAND (UK)	Approved
		FORBES MARSHALL CODEL PVT. LTD. PIMPRI, PUNE	Approved
		SICK MAIHAK GMBH	Approved
		DURAG GMBH AND CO KG HUMBURG	Approved
8	Dust Density (Opacity) Monitor(panel)	CHEMTROLS INDUSTRIES LIMITED POWAI, MUMBAI	Approved
		MARVEL ENGG COMPANY CHENNAI	Approved
		FORBES MARSHALL CODEL PVT. LTD. PIMPRI, PUNE	Approved
		DURAG INDIA INSTRUMENTATION PRIVATE	Approved
9	Erection Material	MET LOK HYDRO PENUMATICS PVT LTD, GUJARAT	Approved
		PMT ENGINEERS, AHMEDABAD	Approved
10	GI Pipes	BHUWALKA PIPES LIMITED	Approved


 Chief Engineer
 Thermal Projects Construction
 TSGENCO, Vidyut Soudha,
 Khairatabad, Hyderabad-82

S.No	Item Description	Vendors	Remarks
11	Impact Head Type Element	VERIS INC	Not Acceptable
		STAR-MECH.CONTROLS (I) PVT.LTD.	Approved
12	Impulse Pipes(Alloy steel)	INDIAN SEAMLESS METAL TUBES LTD. BANGALORE	Approved
13	Instrument Valve	FLUID CONTROLS PVT LTD, PUNE	Approved
		PMT Engineers, Ahmedabad	Approved
14	Level Switch Capacitance Type	NIVO CONTROLS PVT LTD	Approved
15	Magnetic Flow Meter	ABB LTD PEENYA, BANGALORE.	Approved
		ENDRESS + HAUSER INDIA PVT. LTD. MUMBAI	Approved
16	C&I Lab Items Mechanical (pneumatic)	BHEL-EDN Approved sources	BHEL shall submit item wise vendor list for review & approval.
17	Flow Element	EMERSON PROCESS MANAGEMENT KUMARAPARK(WEST), BANGALORE	Approved
		MICRO PRECISION PRODUCTS PVT LTD FARIDABAD	Approved
		INSTRUMENTATION LIMITED PALGHAT	Approved
		ENGINEERING SPECIALITIES PVT. LTD.	Approved
18	Oxygen Analyser (LT)Panel & accessories	CHEMTROLS POWAI, MUMBAI	Approved
19	Socket Weld Fittings	PMT ENGINEERS,AHMEDABAD	Approved
20	Structural Steel	NANDAN STEELS & POWER LTD.	Not Acceptable
21	Steam and Water analysis Sys(Analyzer)	ENDRESS + HAUSER INDIA PVT. LTD. MUMBAI	Approved
		SWAN Analytical Instruments, Switzerland	Not Acceptable
		YOKOGAWA INDIA LIMITED BANGALORE	Not Acceptable
22	Steam and Water analysis System(Panel)	ENDRESS + HAUSER INDIA PVT. LTD. MUMBAI	Approved
23	Temperature Elements	EXOTHERM INSTRUMENTS ,THANE	Approved
		Toshniwal Industries Pvt Ltd, Ajmer	Approved
24	Valve Manifolds	MICRO PRECISION PRODUCTS PVT LTD FARIDABAD	Approved
		FLUID CONTROLS LIMITED ,PUNE	Approved
		PMT ENGINEERS,AHMEDABAD	Approved
25	Mercury analyser	THERMOFISHER USA/ THERMOFISHER, Mumbai.	Approved
		SICK, Germany/ Chemtrols, India.	Approved
		Mercury Instruments. Germany/ AICPL, Kota	Not Acceptable
		DURAG, Germany / DURAG, Bangalore.	Approved
26	C&I Laboratory Furniture	PYROTECH WORKSPACE SOLUTIONS PVT. L	Approved
		GODREJ AND BOYCE MANUFACTURING CO.	Approved
		COSMOS MEDIA PRODUCTS PVT. LTD.	Approved
		OTS OFFICETECH SYSTEMS (P) LTD	Not Acceptable
		HARMONY SYSTEMS	Not Acceptable
		FEATHERLITE PRODUCTS PVT. LTD.	Approved
		ADARSHA CONTROL SYSTEMS PVT. LTD.	Not Acceptable


 Chief Engineer
 Thermal Projects Construction
 TSGENCO, Vidyut Soudha,
 Khairatabad, Hyderabad-82

S.No	Item Description	Vendors	Remarks
C&I Electrical items VENDOR LIST			
27	Junction Box (FRP)	M/S Devi polymer, Chennai	Approved
		M/S Baliga Lighting, Chennai	Approved
28	Junction Box (Metal)	M/S Gee Dee Packages, Mysore	Not Acceptable
		M/S Baliga Lighting, Chennai	Approved
29	Electronic Transmitter - Pr. / Diff. Pr.	M/s HONEYWELL, USA/PUNE	Approved
30	Level Transmitter (Displacement type)	M/s V.AUTOMAT, India	Approved
		M/s LEVCON INSTRUMENTS, INDIA	Approved
		M/s E&H, GERMANY/INDIA	Approved
31	Level Transmitter (RADAR type)	M/s KROHNE MARSHALL	Approved
		M/s HONEYWELL, USA/INDIA	Approved
		M/s VEGA, GERMANY	Approved
		M/s P&F, INDIA	Approved
32	HART Communicator	M/s FUJI, JAPAN	Approved
		M/s GE INDIA INDUSTRIAL PVT. LTD./INDIA	Approved
		M/s FLUKE CORPORATION / USA	Approved
33	Cable Glands	M/s MJ TRADERS, BANGALORE	Approved
		M/s TRINITY TOUCH, DELHI	Approved
		M/s STANDARD METAL, MUMBAI	Approved
34	Cable Lugs	M/s MJ TRADERS, BANGALORE	Approved
		M/s TRINITY TOUCH, DELHI	Approved
		M/s STANDARD METAL, MUMBAI	Approved
		M/s CHETNA ENGINEERING COMPANY, NASIK	Approved
		M/s DOWELLS, MUMBAI	Approved
		M/s BILLETS ELECTRO WERKE, MUMBAI (3D, UMBERGAON)	Approved
35	Cable trays	M/s RATAN PROJECTS & ENGG COMPANY PRIVATE LTD, KOLKATA	Approved
		M/s SILVERLINE POWER INFRASTRUCTURE (P) LTD, VODADARA	Approved
		M/s INDUSTRIAL PERFORATIONS, KOLKATA	Approved
		M/s INDIANA GRATINGS PVT LTD, PUNE	Approved
		M/s STEELITE ENGG, MUMBAI	Approved
		M/s AMTECH ENGINEERING, PUNE	Approved
36	Instrumentation, Control & Compensating / Thermocouple extension cables (PVC, FRILS Type)	M/s INAR PROFILES, VIZAG	Approved
		RJ industrial corporation, Uttarkhand	Not Acceptable
		RR Kabel Ltd, Mumbai	Not Acceptable
		Apar industries, Bangalore	Not Acceptable
		Gemscab industries Ltd, Bhiwadi	Approved
		NICCO cables, kolkata	Approved
		Lapp india pvt ltd, Bangalore	Not Acceptable
		Associated cables pvt ltd, Mumbai	Approved
		Industrial cables ltd, punjab	Not Acceptable
		KEC international ltd, Bangalore	Not Acceptable
		RJR industries, Bangalore	Not Acceptable

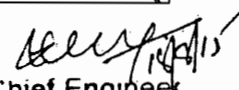
[Signature]
 Chief Engineer
 Thermal Projects Construction
 TSGENCO, Vidyut Soudha,
 Khairatabad, Hyderabad-82

S.No	Item Description	Vendors	Remarks
		Radiant cables,Hydrabad	Not Acceptable
		Govind cable industries, kolkata	Not Acceptable
		Special Cables Pvt Ltd, New Delhi	Approved
37	Level Transmitter (Ultrasonic Type)	M/s P&F,INDIA	Approved
		M/s FORBES MARSHALL	Approved
38	Lead Acid Battery (Plante type)	M/s EXIDE INDUSTRIES, KOLKATA	Approved
		M/s HOPPECKE, GERMANY	Not Acceptable
39	Master Slave Clock System	M/s SERTEL, CHENNAI	Approved
		M/s MASIBUS, GANDHINAGAR	Approved
		M/s SANDS, CHENNAI	Approved
40	Walkie Talkie System	BHEL-EDN Approved Sources	BHEL shall submit item wise vendor list for review & approval.
41	C&I Laboratory Instruments (Electrical Package)	BHEL-EDN Approved Sources	BHEL shall submit item wise vendor list for review & approval.
HMI VENDOR LIST			
42	Wireless Communication Link	AMG SYSTEMS LTD,UK	Approved
		SHEETAL WIRELESS TECHNOLOGIES PVT LTD,PUNE	Not Acceptable
		ARYA .DELHI	Not Acceptable
		D LINK,GOA	Approved
		PYROTECH LTD , UDAIPUR	Not Acceptable
43	Mini UPS for HMI	APLAB LIMITED ,THANE	Not Acceptable
		POWERTRONIX SYSTEMS LTD.,BANGALORE	Not Acceptable
		SCHNEIDER ELECTRIC,BANGALORE	Approved
		EMERSON NETWORK ,PUNE	Not Acceptable
44	STATION LAN EQUIPMENT	ORANGE BUSINESS SERVICES	Approved
		NETSOFT SYSTEMS & NETWORKS ,BANGALORE	Not Acceptable
		PRISHA SYSTEMS & NETWORKS PVT LTD.	Approved
		BINARY SYSTEMS PVT LTD	Not Acceptable
		ORVA NETWORKS PVT LTD	Not Acceptable
DAVR VENDOR LIST			
45	AUX. TRANSFORMER	TRANSPower IND.	Approved
		KALPA ELECTRICALS PVT LTD	Approved
46	PANEL METERS	AUTOMATIC ELECTRIC PVT LTD.	Approved
		MECO INSTRUMENTS	Approved
47	INDICATING LAMPS / PUSH BUTTONS	TEKNIC	Approved
		SIEMENS	Approved
		ABB(II) LTD.	Approved
		GE POWER CONTROLS	Approved

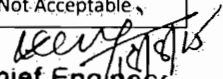
[Signature]
Chief Engineer

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

S.No	Item Description	Vendors	Remarks
48	TIER FAN	HICOOL	Approved
		EBM NADI	Approved
		SUNON	Approved
		MICROINSTRUMENTS	Approved
49	CURRENT TRANSFORMERS (INCLUDING CONDUCTION MONITORING CT's)	KAPPA ELECTRICALS	Approved
		INSTRANS ENGG. & MFG. PVT LTD.	Approved
		INTRA VIDYUT LTD.	Approved
		PARAS POWER ENGG.LTD.	Approved
		V&C, GERMANY	Approved
		KALPA ELECTRICAL PVT LTD.	Approved
50	SHUNT	MECO INSTRUMENTS (GOLIYA ENTERPRISES PVT. LTD)	Approved
		IMP POWER LTD.	Approved
		AUTOMATIC ELECTRIC PVT LTD.	Approved
51	AUX. CONTACTOR	SIEMENS (I) LTD.	Approved
		ABB (I) LTD.	Approved
52	SEMICONDUCTOR FUSE	COOPER BUSSMANN DENMARK	Approved
		MERSEN (FORMERLY FERRAZ SHAWMUT FRANCE)	Approved
53	ELECTRONIC MODULE	BHEL-EDN BANGALORE	Approved
54	MCBS	ABB LTD.	Approved
		SIEMENS AG/SIEMENS (I) LTD.	Approved
		INDO KOPP LEGRAND	Approved
		MDS LOAD CONTACT	Approved
		MERLIN GERIN	Approved
		SCHNEIDER ELECTRIC	Approved
55	FIELD BREAKER	MERSON (FORMERLY KNOWN AS LENOIR ELECTRICALS, FRANCE)	Approved
		ABB CONTROLS,FRANCE	Approved
56	EXCITER FIELD DISCHARGE RESISTOR	AMP CONTROL EQPT. PVT LTD.	Approved
		OHMARK CONTROLS PVT LTD.	Approved
57	TRANSDUCER	ELSTER METERING(FORMERLY ABB)	Approved
		SOUTHERN TRANSDUCERS CHENNAI	Approved
		RISHABH	Approved
58	AUXILIARY RELAY	JYOTHI LTD. BARODA	Approved
		GUARDIAN CONTROLS	Approved


 Chief Engineer
 Thermal Projects Construction
 TSGENCO, Vidyut Soudha,
 Khairatabad, Hyderabad-82

S.No	Item Description	Vendors	Remarks
59	ROTARY SWITCHES	KAYCEE IND	Approved
		KRAUS & NAIMER	Approved
60	HRC FUSES WITH TRIP INDICATOR, FUSE BASE ISOLATOR	FERRAZ SHAWMUT	Approved
		COOPER BUSSMANN INDIA LTD.	Approved
		GE POWER CONTROLS LTD	Approved
		SIEMENS INDIA	Approved
61	OFFLOAD ISOLATOR	CONTROL & SWITCH GEAR, NOIDA	Approved
		ABB, INDIA	Approved
62	FERRITE CORE REACTOR	MAGNETICS INTERNATIONAL, USA	Approved
63	POWER CABLES AND CONTROL CABLES	UNIVERSAL CABLES	Approved
		DELTON CABLES	Approved
		RADIANT CABLES	Not Acceptable
		INDUSTRIAL CABLES LTD	Not Acceptable
		NICCO CORPORATION LTD.	Approved
		TORRENT CABLES LTD	Not Acceptable
		GEMSCAB INDUSTRIES LTD	Not Acceptable
		POLYCAB WIRES PVT. LTD	Approved
		RPG CABLES	Not Acceptable
		TECHNO CABLES	Approved
		FORT GLASTER INDUSTRIES LTD.	Approved
		RELIANCE ENGINEERS	Not Acceptable
		INCAB INDUSTRIES LTD	Not Acceptable
		PARAMOUNT CABLE CORPORATION	Approved
		KEI INDUSTRIES LTD, BHIWADI	Approved
64	INDUSTRIAL PC	M/S ADVANTECH, TAIWAN	Approved
65	ETHERNET SWITCHES	MOXA	Not Acceptable
		CISCO	Approved
		HIRSCHMAN	Approved
		N-TRON	Not Acceptable


 Chief Engineer
 Thermal Projects Construction
 TSGENCO, Vidyut Soudha,
 Khairatabad, Hyderabad-52

S.No	Item Description	Vendors	Remarks
Desk			
66	Electrical Analog Meter	AUTOMATIC ELECTRIC, MUMBAI	Approved
		RISHAB, NASHIK	Approved
		MECO, MUMBAI	Approved
		ENERCON, BANGALORE	Approved
67	Mosaic Grid Components	PRO-PLAN, GERMANY [Earlier Boyko Strey]	Approved
		SYMO, SWITZERLAND	Approved
		TEW GERMANY [Earlier Subklew]	Approved
68	Mosaic Mountable Moving Coil indicators	GOSSEN, GERMANY	Approved
		WEIGEL, GERMANY	Approved
		SAMSON ELECTRONIC GMBH	Approved
69	Mosaic Mountable Digital Indicators (48 X 24mm)	GOSSEN, GERMANY	Approved
		WEIGEL, GERMANY	Approved
		SAMSON ELECTRONIC GMBH	Approved
70	Transducers	ADEPT, PUNE	Approved
		AUTOMATIC ELECTRIC, MUMBAI	Approved
		MECO, MUMBAI	Approved
		SOUTHERN TRANSDUCERS, CHENNAI	Approved
71	UCP /ECP /Control desk (Mosaic Grid based panels)	CHEMIN CONTROLS, PONDICHERRY	Approved
		IL, KOTA	Approved
		KHODAY CONTROL SYSTEMS, BANGALORE	Not Acceptable
		MODAYIL PROPERTIES, NANJANGUD	Not Acceptable
		PYROTECH, UDAIPUR	Approved
72	Selector Switches	L&T	Approved
		SALZER	Approved
		KAYCEE	Approved

[Signature]
14/4/15
Chief Engineer

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

परियोजना
इंजीनियरिंग
प्रबंधन
Project Engineering
Management

भारतहेवीइलेक्ट्रिकल्सलिमिटेड
(भारतसरकारकाउपक्रम)
Bharat Heavy Electricals Limited
(A Govt. of India Undertaking)



Date : 20/10/15
Our ref: PS-PEM/PG-II/TSGENCO/KOTH/023

To,
The Chief Engineer
Thermal Projects Construction
TSGENCO, Vidyut Soudha,
Khairatabad,
Hyderabad - 500082.

Sub: 1X800MW Kothagudem TPS- Approval of vendors for PEM package (CONTROL VALVES).

Dear Sir,

With reference to TSGENCO letter CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.15/15, Dt:09/04/2015 of Kothagudem TPS, approved vendor list of BHEL was received from TSGENCO. However, we would like to draw your attention towards additional vendor approval of Pre-Treatment Plant for which Technical bid has already been opened.

It may please be noted that as per TSGENCO letter CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.15/15, Dt:09/04/2015, the following 15 vendors were approved by TSGENCO:

1. EMERSON PROCESS MANAGEMENT LTD., CHENNAI
2. INSTRUMENTATION LTD.
3. CONTROL COMPONENT INC.
4. DRESSER VALVE INDIA PVT. LTD.
5. FORBES MARSHALL ARCA PVT. LTD.
6. KOSO INDIA PVT. LTD.
7. LESLIE CONTROLS INC.
8. MIL CONTROLS LTD.
9. DAUME REGELARMATUREN GMBH
10. SEVERN GLOCON INDIA PVT. LTD.
11. BTG KALLE INVENTING AB
12. DRESSER PRODUITS INDUSTRIES SAS
13. FISHER SANMAR LTD.
14. FLOWSERVE INDIA CONTROLS PVT. LTD.
15. KOSO FLUID CONTROLS PVT. LTD. PALLAKAD

However, we have received offers from following 6 vendors against Open tender Enquiry, out of which 4 vendors are Customer approved.

Sl. No.	Vendor Name	Place of vendor	BHEL PEM approved	Customer approved	Remarks
1	MIL CONTROLS LTD.	KERALA	Y	Y	
2	INSTRUMENTATION LTD.	KERALA	Y	Y	
3	EMERSON PROCESS MANAGEMENT LTD., CHENNAI	Chennai	Y	Y	



कृपयाप्रेषितकरे :
बीएचईएल, पीएस-पीइएम
पीपीइआई भवन
प्लॉट नं २५, सेक्टर १६ ए
नोएडा - २०१ ३०१ उ प्र
भारत

Please reply to :
BHEL, PS-PEM,
PPEI Building,
Plot No.25, Sector 16A,
Noida-201301 (U.P.)
INDIA

फ़ोन Phone No:
91-120 - 436 8762

पंजीकृतकार्यालय
बीएचईएल हाउस
सीरी फोर्ट
नयी दिल्ली - ११० ०४९
भारत

Registered Office :
BHEL House,
Siri Fort,
New Delhi-110049
INDIA

परियोजना
इंजीनियरिंग
प्रबंधन
Project Engineering
Management

भारतहेवीइलेक्ट्रिकल्सलिमिटेड
(भारतसरकारकाउपक्रम)
Bharat Heavy Electricals Limited
(A Govt. of India Undertaking)



4	DRESSER VALVE INDIA PVT. LTD.	TAMIL NADU	Y	Y	
5	DEVI INC.	HYDERABAD	N	N	Technically rejected. Hence, not considered for approval.
6	SUZHOU DELAN ENERGY SCIENCE & TECHNOLOGY CO. LTD	CHINA	N(Under approval)	N	Vendor approval requested.

In view of and in order to generate more competition, BHEL-PEM requests TSGENCO to accord approval of additional single vendor as mentioned above.

Credentials of the above vendor is also enclosed for TSGENCO/DCPL review.

Thanking you,

NAINA SINGH
Young Professional (PG-II-2), Dy. Manager (PG-II-2)
Power Sector - Project Engineering Management
Bharat Heavy Electricals Ltd.
(NAINA SINGH, DY. MGR./PG-II-2., BHEL-PEM, Noida)



कृपयाप्रेषितकरे :
बीएचईएल, पीएस-पीईएम
पीपीईआई भवन
प्लॉट नं. २५, सेक्टर १६ ए
नोएडा - २०१ ३०१ उ प्र
भारत

Please reply to :
BHEL, PS-PEM,
PPEI Building,
Plot No.25, Sector 16A,
Noida-201301 (U.P.)
INDIA

फोन Phone No:
91-120 - 436 8762

पंजीकृतकार्यालय
बीएचईएल हाउस
सीरी फोर्ट
नयी दिल्ली - ११० ०४९
भारत

Registered Office :
BHEL House,
Siri Fort,
New Delhi-110049
INDIA

186

1X800MW TSGENCO KOTHAGUDEM STPP**PEM VENDOR LIST as on 01/11/2014**

		12	Havells India Limited	
		13	Incom Cables (P) Ltd.,	
		14	KEI INDUSTRIES LTD.	
		15	KRISHNA ELECTRICAL INDUSTRIES LTD.	
		16	KEC INTERNATIONAL LIMITED	
		17	MANSFIELD CABLES COMPANY LTD.	
		18	NICCO CORPORATION LTD.	
		19	PARAMOUNT COMMUNICATIONS LTD.	
		20	POLYCAB WIRES PVT. LTD.	
		21	RAVIN CABLES LIMITED	
		22	SUYOG ELECTRICALS LTD.	
		23	SPECIAL CABLES PVT. LTD.	
		24	Scot Innovation Wires and Cables Pvt. Ltd.	
		25	Sam Cables & Conductors (P) Ltd.,	
		26	SPM POWER & TELECOM PVT. LTD,	
		27	TORRENT CABLES LTD.	
		28	THERMO CABLES LTD.	
		29	UNIVERSAL CABLES LTD.	

PACKAGE CATEGORY = Control & Instrumentation

S.NO	Package Name	S.NO	Vendor Name	TSGENCO REMARKS
1	FLOW ELEMENT-ORIFICE	1	Flow Star Engineering Pvt. Ltd.,	
		2	HYDROPNEUMATICS PVT. LTD.	
		3	INSTRUMENTATION LTD.	
		4	INSTRUMENTATION ENGINEERS PVT LTD	

1X800MW TSGENCO KOTHAGUEDEM STPP

PEM VENDOR LIST as on 01/11/2014

		5	MICRO PRECISION PRODUCTS PVT. LTD.	
		6	MINCO (INDIA) PRIVATE LIMITED	
		7	STAR-MECH CONTROLS (I) PVT.LTD.	
2	FLOW ELEMENT-NOZZLE	1	HYDROPNEUMATICS PVT. LTD.	
		2	INSTRUMENTATION LTD.	
		3	MICRO PRECISION PRODUCTS PVT. LTD.	
		4	STAR-MECH CONTROLS (I) PVT.LTD.	
		5	SEIKO FLOW CONTROL GMBH	
3	CONTROL VALVE	1	SPX Corporation, USA	
		2	CONTROL COMPONENT INC.	
		3	DRESSER VALVE INDIA PVT. LTD	
		4	Daume Regelarmaturen GmbH,	
		5	EMERSON PROCESS MANAGEMENT CHENNAI LIMITED	
		6	FORBES MARSHALL ARCA PVT.LTD.	
		7	WEIR VALVES & CONTROLS UK LTD.	
		8	HOLTER REGELARMATUREN GmbH & Co.KG	
		9	INSTRUMENTATION LTD.	
		10	Koso India Private Limited,	
		11	LESLIE CONTROLS, INC	
		12	MIL CONTROLS LTD.	
		13	Metso Singapore PTE. LTD.,	

1X800MW TSGENCO KOTHAGUEDEM STPP

PEM VENDOR LIST as on 01/11/2014

		14	R.K.CONTROL INSTRUMENTS PVT. LTD.	
		15	RINGO VALVULAS S.L,	
		16	Severn Glocon India Pvt. Ltd.	
		17	Valvitalia S.P.A. ,	
4	ROTAMETER	1	EUREKA INDUSTRIAL EQUIPMENTS PVT.LTD.	
		2	Flow Star Engineering Pvt. Ltd.,	
		3	FLOWTECH INSTRUMENTS SERVICRS	
		4	INSTRUMENTATION ENGINEERS PVT LTD	
		5	SCIENTIFIC DEVICES (BOMBAY) PVT LTD,	
5	ANNUBAR (DELTA TUBE) clarification raised on vendor	1	SWITZER INSTRUMENT LTD.	
		2	STAR-MECH CONTROLS (I) PVT.LTD.	
		3	TM TECNOMATIC SPA	

PACKAGE CATEGORY = CIVIL

S.NO	Package Name	S.NO	Vendor Name	TSGENCO REMARKS
1	VIS FOR BFP FOUNDATION	1	BEIJING HUADIAN TIANHENG TECHNOLOGY DEVELOPMENT CO. LTD. ,	
		2	GERB VIBRATION CONTROL	

PACKAGE WISE REGISTERED VENDOR LIST AS ON 01/11/2014
4X270 MW MANUGURU TPS

181

SI No	Package Name	Vendor Code	Vendor Name	Remarks
1	AUX PRDS	C010	SPX Corporation, USA	
		C074	Control Component India Pvt. Ltd.	
		D057	Daume Regelarmaturen GmbH,	
		H025	HOLTER REGELARMATUREN GmbH & CO.	
		I006	INSTRUMENTATION LTD.	
2	MISC. PUMPS (VERTICAL)	B021	BHARAT PUMPS & COMPRESSORS LTD	
		F018	FLOWMORE LTD.	
		F037	FLOWSERVE INDIA CONTROLS PVT. LTD.	
		J003	JYOTI LTD.	
		M004	MATHER & PLATT PUMPS LTD.	
		S041	SULZER PUMPS INDIA LTD.	
		W006	WPIL LIMITED	
3	AIR RELEASE VALVES	A013	A.V. VALVES LTD	
		G031	G.M. DALUI AND SONS PVT.LTD.	
		L008	LEADER VALVES LTD.	
		R023	R and D MULTIPLES (METAL CAST) PVT LTD	
		U030	UPADHAYA VALVES MANUFACTURERS PRIVATE LIMITED,	
		V013	VENUS PUMPS AND ENGG. WORKS	
4	CONTROL VALVES	C010	SPX Corporation, USA	
		C028	CONTROL COMPONENT INC.	
		D027	DRESSER VALVE INDIA PVT. LTD	
		D057	Daume Regelarmaturen GmbH,	
		F015	EMERSON PROCESS MANAGEMENT CHENNAI LIMITED	
		F030	FORBES MARSHALL ARCA PVT.LTD.	
		H008	WEIR VALVES & CONTROLS UK LTD.	
		H057	HOLTER REGELARMATUREN GmbH & Co.KG	
		I006	INSTRUMENTATION LTD.	
		K048	Koso India Private Limited,	
		L032	LESLIE CONTROLS, INC	
		M005	MIL CONTROLS LTD.	
		M102	Metso Singapore PTE. LTD.,	
		R001	R.K.CONTROL INSTRUMENTS PVT. LTD.	
		R059	RINGO VALVULAS S.L,	
		S163	Severn Glocon India Pvt. Ltd.	

PACKAGE WISE REGISTERED VENDOR LIST AS ON 01/11/2014
4X270 MW MANUGURU TPS

180

SI No	Package Name	Vendor Code	Vendor Name	Remarks
5	FLOW ELEMENT-ORIFICE	S201	SHENJIANG VALVE CO. LTD.	
		V051	Valvitalia S.P.A. ,	
		F033	Flow Star Engineering Pvt. Ltd.,	
		H066	HYDROPNEUMATICS PVT. LTD.	
		I006	INSTRUMENTATION LTD.	
		I030	INSTRUMENTATION ENGINEERS PVT LTD	
		M009	MICRO PRECISION PRODUCTS PVT. LTD.	
		M075	MINCO (INDIA) PRIVATE LIMITED	
		S044	STAR-MECH CONTROLS (I) PVT.LTD.	
6	FLOW ELEMENT-NOZZLE	H066	HYDROPNEUMATICS PVT. LTD.	
		I006	INSTRUMENTATION LTD.	
		M009	MICRO PRECISION PRODUCTS PVT. LTD.	
		S044	STAR-MECH CONTROLS (I) PVT.LTD.	
		S165	SEIKO FLOW CONTROL GMBH	
7	CW TREATMENT PLANT	C052	CHEMBOND ASHLAND WATER TECHNOLOGIES LTD	
		D009	DRIPLEX WATER ENGG LTD	
		I013	ION EXCHANGE (INDIA) LTD	
		T017	THERMAX LTD.	
8	MISC.PUMPS (HORIZONTAL)	B002	BEST and CROMPTON ENGG LTD.	
		B021	BHARAT PUMPS & COMPRESSORS LTD	
		F018	FLOWMORE LTD.	
		F037	FLOWSERVE INDIA CONTROLS PVT. LTD.	
		J003	JYOTI LTD.	
		K006	KIRLOSKAR BROTHERS LTD.	
		M004	MATHER & PLATT PUMPS LTD.	
		V048	V-Flo Pumps & Systems Co. Ltd.,	
		W006	WPIL LIMITED	
9	PRETREATMENT PLANT	D009	DRIPLEX WATER ENGG LTD	
		G016	GEO MILLER & CO. LTD.	
		I013	ION EXCHANGE (INDIA) LTD	
		S079	SHRIRAM EPC LTD.	
		T017	THERMAX LTD.	
		T054	TRIVENI ENGINEERING & INDUSTRIES LTD.,	
		V029	VA TECH WABAG LTD	

PACKAGE WISE REGISTERED VENDOR LIST AS ON 01/11/2014
4X270 MW MANUGURU TPS

179

SI No	Package Name	Vendor Code	Vendor Name	Remarks
10	SUMP PUMPS/SUBMERSIBLE PUMPS	D043	DARLING PUMPS PVT. LTD	
		F018	FLOWMORE LTD.	
		S049	SU MOTORS PVT. LTD.	
		V052	VARAT PUMP AND MACHINERY PVT. LTD.	
		W006	WPIL LIMITED	
11	STEAM TRAPS	L008	LEADER VALVES LTD.	
		P023	PENNANT ENGINEERING PVT. LTD.	
		S042	SPIRAX MARSHALL PVT.LTD.	
12	ROTAMETER	E047	EUREKA INDUSTRIAL EQUIPMENTS PVT.LTD.	
		F033	Flow Star Engineering Pvt. Ltd.,	
		F039	FLOWTECH INSTRUMENTS SERVICES	
		I030	INSTRUMENTATION ENGINEERS PVT LTD	
		S158	SCIENTIFIC DEVICES (BOMBAY) PVT LTD,	
13	MILL REJECT SYSTEM (CONVEYOR TYPE)	M083	MAGALDI POWER SPA	
		S120	STOCK REDLER LIMITED	
		T065	TECPRO SYSTEMS LIMITED	
14	EFFLUENT TREATMENT PLANT	A133	Aqua Design India Pvt. Ltd.	
		D009	DRIPLEX WATER ENGG LTD	
		E060	EUREKA FORBES LTD.	
		G016	GEO MILLER & CO. LTD.	
		I013	ION EXCHANGE (INDIA) LTD	
		P030	PARAMOUNT LIMITED	
		S079	SHRIRAM EPC LTD.	
		T011	TECHNOFAB ENGG. LTD.	
		T017	THERMAX LTD.	
		T054	TRIVENI ENGINEERING & INDUSTRIES LTD.,	
		V029	VA TECH WABAG LTD	
15	COOLING TOWER	B057	BDT LIMITED	
		G013	GAMMON INDIA LTD.	
		G046	GEA Cooling Tower Technologies (India) Pvt. Ltd.,	
		H045	HAMON SHRIRAM COTTRELL PVT. LTD.,	
		H062	Hamon Thermal Europe, S.A.	
		L001	LARSEN and TOUBRO LTD.	
		N028	NATIONAL BUILDINGS CONSTRUCTION CORPORATION LTD.	

PACKAGE WISE REGISTERED VENDOR LIST AS ON 01/11/2014
4X270 MW MANUGURU TPS

176

SI No	Package Name	Vendor Code	Vendor Name	Remarks
		P032	POLYCAB WIRES PVT. LTD.	
		R039	RAVIN CABLES LIMITED	
		S080	SUYOG ELECTRICALS LTD.	
		S102	SPECIAL CABLES PVT. LTD.	
		S118	SRIRAM CABLES PVT. LTD.	
		S128	Scot Innovation Wires and Cables Pvt. Ltd.	
		T032	TORRENT CABLES LTD.	
		T066	THERMO CABLES LTD.	
24	Lead Acid / Ni-Cd Batteries	A004	AMCO SAFT INDIA LTD	
		E023	EXIDE INDUSTRIES LTD	
		H028	HBL POWER SYSTEMS LTD	
		H037	HOPPECKE BATTERIEN GMBH & CO.KG,	
25	VENTILATION SYSTEM	A032	AIR LINK ENGINEERS PVT. LTD.	
		A073	ADVANCE VENTILATION PVT.LTD.	
		B008	BLUE STAR LTD.	
		C021	C.DOCTOR and CO. PVT.LTD	
		D042	DRAFT-AIR (INDIA) PVT. LTD.	
		R046	ROOTS COOLING SYSTEMS PVT.LTD.	
		S094	S.K.SYSTEMS PRIVATE LTD.	
		S104	STERLING AND WILSON LIMITED	
26	COMPRESSED AIR SYSTEM	V001	VOLTAS LTD.	
		A037	ATLAS COPCO (INDIA) LTD.	
		C032	CHICAGO PNEUMATIC SALES	
		C073	CICB Chemicon Pvt. Ltd.	
		E040	ELGI EQUIPMENTS LTD	
		I017	INGERSOLL- RAND (INDIA) LTD.	
		K014	KIRLOSKAR PNEUMATIC CO. LTD.	
27	ELECTRIC HOIST	A082	ARMSEL MHE PVT. LTD	
		A094	Alpha Services	
		C037	CONSOLIDATED HOISTS PVT LTD	
		C057	CENTURY CRANE ENGINEERS PVT. LTD.	
		E021	EDDY CRANES PVT. LTD.	
		G074	Grip Engineers Pvt. Ltd.,	
		H021	HERCULES HOISTS LTD.	

PACKAGE WISE REGISTERED VENDOR LIST AS ON 01/11/2014
4X270 MW MANUGURU TPS

~~180~~
172

SI No	Package Name	Vendor Code	Vendor Name	Remarks
		W010	WMI KONECRANES INDIA LTD.	
43	NEUTRAL GROUNDING RESISTOR	A134	AMPCONTROL EQUIPMENTS PVT. LTD.	
		L022	LACHHMAN ELECTRONICS	
		R012	RSI SWITCHGEAR PVT. LTD.	
		R034	RESITECH ELECTRICALS PVT.LTD.	
		S040	S.R.NARKHEDE ENGG.PVT.LTD.	
44	ANUBAR (DELTA TUBE)	S009	SWITZER INSTRUMENT LTD.	
		S044	STAR-MECH CONTROLS (I) PVT.LTD.	
		T108	TM TECNOMATIC SPA	
45	PA SYSTEM	B055	BYTE COMMUNICATIONS PVT.LTD.	
		C026	CHASHMITA ENGINEERS PVT. LTD.	
		H058	Hi-Tech audio Systems Pvt. Ltd	
		K030	KARTHIK ENGRS. and CONSULTANTS PVT. LTD.	
		P033	POWER SYSTEMS	
46	CHEMICAL DOSING SYSTEM	E041	ENPRO INDUSTRIES PVT.LTD.	
		H068	Heidelberg Prominent Fluid Control India Private Ltd.	
		M042	MILTON ROY INDIA (P) LTD.	
		M096	MR SYSTEMS	
		P031	POWER PIPING COMPANY	
		P054	PSI ENGINEERING SYSTEMS (P) LTD.	
		P077	Positive Metering Pumps (I) Pvt. Ltd.	
		R057	Rockwin Flowmeter India Pvt. Ltd.	
		S048	SWELORE ENGG. PVT. LTD	
		T019	TECHNO CONSULTANTS	
		T057	TECHNOSTRENGTH PVT. LTD.	
		V012	V.K PUMP INDUSTRIES PVT LTD	
47	CABLE TRAYS & ACC.	I039	INDUSTRIAL PERFORATION (I) PVT.LTD.	
		I053	INDIANA GRATINGS PVT. LTD.	
		I070	INDIA ELECTRICALS SYNDICATE	
		J010	JAMNA METAL COMPANY	
		M103	Maheshwari Electrical Mfrs. Pvt. Ltd.,	
		P039	PREMIER POWER PRODUCTS (CAL) PVT. LTD.	
		P050	PATNY SYSTEMS (P) LTD	
		P059	PARMAR METALS PVT.LTD.	

ANNEXURE

Lr.No.CPP/ SE-II/411/BTPS-(4X270MW)/C&I-Vendors/D.No.561/15, Dt.05.11.2015

S.No.	Package Name	BHEL/PEM Proposed Vendors	TSGENCO Remarks
1	Ultrasonic Flow meter	M/s Chemtrols Industries Limited, Mumbai for supply of M/s Flexim Instruments Asia PTE Ltd.make.	Approved
		M/s Global Techmart, New Delhi for supply of GE India Industrial Pvt.Ltd make.	Approved


 Chief Engineer
 Thermal Projects Construction
 TSGENCO, Vidyut Soudha,
 Khairatabad, Hyderabad-82

	TELANGANA STATE POWER GENERATION CORPORATION LIMITED (A Govt. of Telangana Undertaking) Vidyut Soudha, Hyderabad - 500082. Phone: 040 - 23499261,262 Fax: 040-23499263	
	From: The Chief Engineer, Thermal Projects Construction, TSGENCO, Vidyut Soudha, Khairatabad, Hyderabad-500 082. Email ID: cetpctgenco@gmail.com	To: M/s Bharat Heavy Electricals Limited, PEM, HRD & ESI Complex, Plot No.25, Sector 16A, Noida - 201301, U.P

Kind Attn: Sri. Anuj Kumar, DGM-PEM

Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.110/15, Dt.17.06.2015

Sir,

Sub: TSGENCO - KTPS-VII (1X800MW) - List of additional Vendors for Flow Orifice and Flow Nozzle furnished by M/s BHEL/PEM - Approved - Reg.

Ref: 1. M/s BHEL/PEM e-mail dt.08.05.15 and 15.05.15.

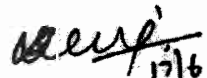
2. M/s BHEL Lr.No.PS-PEM/PG-II/TSGENCO/KOTH/007, dt.08.05.15.

Please refer your letter (2) cited, wherein it was requested for approval of additional vendors for Flow Orifice and Flow Nozzle for Kothagudem TPS stage-VII (1X800 MW) Project. The same was reviewed and TSGENCO hereby accords approval for the following vendors:

Sl.No	Package Name	Sl.No	Vendor Name
1	Flow Element-Orifice	1	Instrumentation Engineers Pvt Ltd.
		2	Star-Mech Controls (I) Pvt. Ltd.
2	Flow Element-Nozzle	1	Instrumentation Ltd.
		2	Star-Mech Controls (I) Pvt. Ltd.

Please note that this approval of vendors for supply of above 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 (I/C)

Copy to:

1. Chief Engineer/O&M/KTPS/Paloncha - 507115, Khammam (Dist.)
2. FA&CCA / TSGENCO/Vidyut Soudha/Hyderabad
3. Superintending Engineer/E&M/KTPS-VII (1X800MW)/Paloncha - 507115.
4. Superintending Engineer-II /TPC/TSGENCO/VS/Hyd
5. DY&CCA / KTPS (O&M)/Paloncha/Khammam Dist-507115.
6. AS to Director (Projects)/TSGENCO/Vidyut Soudha/Hyderabad.
7. M/s DCPL, Block DG-4, Sector II, Salt Lake City, Kolkata-700 091.
8. Sri Pradeep Kapoor, GM, M/s DCPL, Plot No.549, Vivekananda Nagar, Kukatpally, Hyd-72.
9. Sri Y.A.Srinivasa Rao, AGM(PMG)/BHEL Camp Office/Vidyut Soudha/Hyderabad.

126

BHARAT HEAVY ELECTRICALS LTD - PIPING CENTRE (A Government of India Undertaking) 80, G.N. Road, T.Nagar, Chennai - 600 017, India Approved Vendor List for TSGENCO - KOTHAGUDEM MAIN-BOILER PROJECT: TSGENCO - KOTHAGUDEM MAIN -BOILER					
			Ref:PC:SDC:Dt.05/11/2014		
Sl no	Mat Group	Material Group Description	Vendor Name	CITY	Remarks
1	80ATP	AIR TRAP	ARMSTRONG INTERNATIONAL PVT. LTD.	CHENGALPATTU.	Approved
			ASIAN INDUSTRIAL VALVES AND INSTRUM	CHENNAI	Approved
			PENNANT ENGINEERING PVT.LTD.	MAHARASHTRA	Approved
			SPIRAX MARSHALL LTD	PUNE	Approved
2	80AV	BALL VALVES	LEADER VALVES LTD.,	JALANDHAR	Approved
			VALTECH INDUSTRIES	MUMBAI	Approved
			WEIR BDK VALVES-A unit of Weir	HUBLI	Approved
3	80COV	CONTROL VALVES	BTG KALLE INVENTING AB		Approved
			DAUME REGELARMATUREN GMBH	D-30916 ISERMHAGEN.	Approved
			DRESSER VALVE INDIA PVT.LTD.,	CHENNAI	Approved
			FORBES MARSHALL ARCA VALVES PVT. LT	CHENNAI	Approved
			INSTRUMENTATION LTD.,	KERALA	Approved
			KOSO INDIA PRIVATE LIMITED.	NASHIK.	Approved
			LESLIE CONTROLS INC,	USA	Approved
			MIL CONTROLS LIMITED	THIRISSUR DIST,	Approved
4	80CWP	Cooling Water Pump	FLOWMORE LTD.,	GHAZIABAD	Approved
			FLOWSERVE INDIA CONTROLS PVT.LTD.,	COIMBATORE	Approved
			JYOTI LIMITED	VADODARA.	Approved
			KIRLOSKAR BROTHERS LTD	CHENNAI	Approved
			SULZER PUMPS INDIA LTD	CHENNAI	Approved
5	80STT	STEAM TRAPS	ARMSTRONG INTERNATIONAL PVT. LTD.	CHENGALPATTU.	Approved
			ASIAN INDUSTRIAL VALVES AND INSTRUM	CHENNAI	Approved
			LEADER VALVES LTD.,	JALANDHAR	Approved
			PENNANT ENGINEERING PVT.LTD.	MAHARASHTRA	Approved
			SPIRAX MARSHALL LTD	PUNE	Approved
6	81JUB	JUNCTION BOXES	CHEMIN CONTROLS AND	PONDICHERY	Approved
			CREATIVE INSTRUMENTS & CONTROLS	BANGALORE	Approved
			INFO CONTROL SYSTEMS INC.,	BANGALORE	Approved
			MANISHA COMPOSITEKS PVT LTD	PUNE.	Approved
			PRAMMEN INDUSTRIES,	PUDUKOTTAI	Approved
			SAJAS ELECTRICALS,	TRICHY	Approved
			SHIBSHA INSTRUMENTS(INDIA)P.LTD.,	CHENNAI	Approved
			SUCHITRA INDUSTRIES	BANGALORE	Approved
7	81LIR	LI RACK	CHEMIN CONTROLS AND	PONDICHERY	Approved
			INSTRUMENTATION LTD.	RAJASTHAN	Approved
			PRAMMEN INDUSTRIES,	PUDUKOTTAI	Approved
			PROCON INSTRUMENTATION PVT.LTD.,	KANCHEEPURAM DIST.	Approved
			PYROTECH ELECTRONICS P.LTD(UNIT II	UDAIPUR	Approved
			SAJAS ELECTRICALS,	TRICHY	Approved
			CHEMTROLS SAMIL (INDIA) P.LTD.	MUMBAI	Approved
			D.K.INSTRUMENTS PVT. LTD.	KOLKATA	Approved
			GENERAL INSTRUMENTS CONSORTIUM,	CHENNAI	Approved
			LEVCON INSTRUMENTS PVT.LIMITED	KOLKATTA	Approved
			V.AUTOMAT & INSTRUMENTS P.LTD.	NEW DELHI	Approved

9/4/15

9	81LLS	LEVEL SWITCHES	D.K.INSTRUMENTS PVT. LTD.	KOLKATA	Approved
			CHEMTROLS SAMIL (INDIA) P.LTD.	MUMBAI	Approved
			GENERAL INSTRUMENTS CONSORTIUM,	CHENNAI	Approved
			LEVCON INSTRUMENTS PVT.LIMITED	KOLKATTA	Approved
			SBEM PVT LTD	PUNE	Approved
			SIGMA INSTRUMENTS COMPANY	MUMBAI	Approved
			V.AUTOMAT & INSTRUMENTS P.LTD.	NEW DELHI	Approved
10	81LRB	INSUL.WOOLM ATTRESS/R	LLOYD ROCKFIBRES LTD.	WALUJ	Approved
			MINWOOL ROCK FIBRES LTD	HYDERABAD	Approved
			ROCKWOOL (INDIA) LTD.,	HYDERABAD	Approved
11	81PRG	PRESSURE GAUGES	A.N.INSTRUMENTS PVT. LIMITED,	KOLKATA	Approved
			ASHCROFT INDIA PVT. LTD,	GUJARAT	Approved
			BUDENBERG GAUGE CO LTD.,	United	Approved
			FORBES MARSHALL PRIVATE LIMITED	PUNE. MAHARASTRA	Approved
			GENERAL INSTRUMENTS CONSORTIUM,	CHENNAI	Approved
			GOA THERMOSTATIC INSTRUMENTS PVT. L	GOA	Approved
			H GURU INSTRUMENTS(SI) P.LTD.,	BANGALORE	Approved
			MANOMETER (INDIA) PVT.LTD.,	CHENNAI	Approved
			WKA ALEXANDER WIEGAND GMBH & CO.	GERMANY.	Approved
			WKA INSTRUMENTS INDIA PVT.LTD	PUNE	Approved
12	81PRS	PRESSURE SWITCHES	ASHCROFT INDIA PVT. LTD,	GUJARAT	Approved
			BAUMER TECHNOLOGIES INDIA PVT.LTD,	VAPI	Approved
			GENERAL INSTRUMENTS CONSORTIUM,	CHENNAI	Approved
			INDFOS INDUSTRIES PVT.LTD.	CHENNAI.	Approved
			KDG INSTRUMENTS LTD.		Approved
			SOR INC		Approved
			SWITZER INSTRUMENT LTD	CHENNAI	Approved
			TRAFAG CONTROLS INDIA PVT LTD	GURGAON.	Approved
			WKA ALEXANDER WIEGAND GMBH & CO.	GERMANY.	Approved
			CHEMTROLS SAMIL (INDIA) P.LTD.	MUMBAI	Approved
			D.K.INSTRUMENTS PVT. LTD.	KOLKATA	Approved
			LEVCON INSTRUMENTS PVT.LIMITED	KOLKATTA	Approved
			SIGMA INSTRUMENTS COMPANY	MUMBAI	Approved
			V.AUTOMAT & INSTRUMENTS P.LTD.	NEW DELHI	Approved
14	81TEG	TEMPERATURE GAUGE	A.N.INSTRUMENTS PVT. LIMITED,	KOLKATA	Approved
			ASHCROFT INDIA PVT. LTD,	GUJARAT	Approved
			BUDENBERG GAUGE CO LTD.,		Approved
			FORBES MARSHALL PRIVATE LIMITED	PUNE. MAHARASTRA	Approved
			GENERAL INSTRUMENTS CONSORTIUM,	CHENNAI	Approved
			GOA INSTRUMENT INDUSTRIES PVT LTD.	GOA	Approved
			GOA THERMOSTATIC INSTRUMENTS PVT. L	GOA	Approved
			H GURU INSTRUMENTS(SI) P.LTD.,	BANGALORE	Approved
			PYRO ELECTRIC INSTRUMENTS GOA P LTD	GOA	Approved
15	HCSNU	SNUBBERS	CARPENTER & PATTERSON (ASIA) LTD	SAMUTHPRAKARN-10540.	Approved
			LISEGA SE	GERMANY.	Approved
			PIPE SUPPORT SYSTEMS GmbH INTL.	GERMANY.	Approved
			PIPE SUPPORTS LTD,	UK	Approved
16	80PLV	PLUG VALVES	FLOWSERVE INDIA CONTROLS PVT.LTD.,	BANGALORE	Approved
			WEIR BDK VALVES-A unit of Weir	HUBLI	Approved
			XOMOX SANMAR LIMITED	chennai	Approved
17	PCASH	ALUMINIUM SHEET:PLAI	BHARAT ALUMINIUM CO.LTD.,	BANGALORE	Approved
			HINDALCO INDUSTRIES LTD.,	CHENNAI	Approved
			JINDAL ALUMINIUM LIMITED	BANGALORE.	Approved

Handwritten signature
9/4/14

BHEL - EDN			
TSGENCO - KOTHAGUDEM THERMAL POWER STATION, STAGE-VII, UNIT # 12 (1 x 800 MW)			
APPROVED SUB VENDOR LIST			
S.NO	DESCRIPTION	PROPOSED SUB VENDOR	TSGENCO Remarks
1	UPS System with ACDB (3 Phase Input, 1 Phase Output)	M/s EMERSON NETWORK POWER, THANE	Approved
		M/s HITACHI-HIREL POWER ELECTRONICS, GANDHINAGAR	Approved
2	24 V DC thyristor based Battery Charger	M/s KELTRON POWER ELECTRONICS, TRIVENDRUM	Approved
		M/s AMARARAJA POWER SYSTEMS LTD, TIRUPATI.	Approved
		M/s CHLORIDE POWER SYSTEMS, KOLKATA	Approved
		M/s CHHABI ELECTRICALS, JALGAON.	Approved
		M/s HBL POWER SYSTEMS, HYDERABAD	Approved
3	24 V DC SMPS based Battery Charger	M/s AMARARAJA POWER SYSTEMS LTD, TIRUPATI.	Approved
		M/s CHHABI ELECTRICALS, JALGAON.	Approved
		M/s MASTECH, MUMBAI	Approved
4	AC Distribution Board/DC Distribution Board	M/s EMERSON NETWORK POWER, THANE	Approved
		M/s HITACHI-HIREL POWER ELECTRONICS, GANDHINAGAR	Approved
		M/s AMARARAJA POWER SYSTEMS LTD, TIRUPATI.	Approved
		M/s HBL POWER SYSTEMS, HYDERABAD	Approved
5	Digital Indicator	M/s CHHABI ELECTRICALS, JALGAON.	Approved
		M/s CHINO CORPORATION(I), MUMBAI	Approved
		M/s PYROTECH, UDAIPUR	Approved
		M/s YOKOGAWA, BANGALORE	Approved
6	Junction Box (FRP)	M/s MASIBUS, GANDHINAGAR.	Approved
		M/s SHRENIK & COMPANY, AHMEDABAD	Approved
		M/s FICOM ENGG. PVT. LTD, BANGALORE	Approved
		M/s K.S. INSTRUMENTS, BANGALORE.	Approved
7	Junction Box (Metal)	M/s MANISHA ENTERPRISES, PUNE	Approved
		M/s SUCHITRA INDUSTRIES, BANGALORE.	Approved
		M/s PYROTECH, UDAIPUR	Approved
		M/s CHEMIN CONTROLS, PONIDCHERRY	Approved
8	RTD - TT Junction Box (FRP)	M/s MANISHA ENTERPRISES, PUNE	Approved
9	RTD - TT Junction Box (Metal)	M/s CHEMIN CONTROLS, PONIDCHERRY	Approved
10	CJC Box / PDB for CJC Boxes	M/s CREATIVE INSTRUMENTS AND CONTROLS, BANGALORE	Approved
11	Junction Box (Die Cast Aluminium)	M/s MANISHA ENTERPRISES, PUNE	Approved
12	Electronic Transmitter - Pr. / Diff. Pr.	M/s ABB, GERMANY/FARIDABAD	Approved
		M/s YOKOGAWA, JAPAN / BANGALORE	Approved
13	Level Transmitter (Displacement type)	M/s DRESSER MASONIELAN, FRANCE. /	Approved
		M/s ECKARDT, GERMANY	Approved
14	Level Transmitter (Ultrasonic type)	M/s ENDRESS+HAUSER, GERMANY/INDIA	Approved
15	Level Transmitter (RADAR type)	M/s EMERSON PROCESS, USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved
		M/s ABB, GERMANY/FARIDABAD	Approved
		M/s ENDRESS+HAUSER, GERMANY / INDIA	Approved
		M/s YOKOGAWA, JAPAN / BANGALORE	Approved
16	Field mounted (Dual Input) Temperature Transmitter	M/s EMERSON PROCESS, USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved
		M/s ENDRESS+HAUSER, GERMANY / INDIA	Approved
		M/s YOKOGAWA, JAPAN / BANGALORE	Approved
		M/s EMERSON PROCESS, USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved
17	DIN-rail mounted Temperature Transmitter	M/s ENDRESS+HAUSER, GERMANY / INDIA	Approved
		M/s ABB, GERMANY/FARIDABAD	Approved

BHEL - EDN			
TSGENCO - KOTHAGUDEM THERMAL POWER STATION, STAGE-VII, UNIT # 12 (1 x 800 MW)			
APPROVED SUB VENDOR LIST			
S.NO	DESCRIPTION	PROPOSED SUB VENDOR	TSGENCO Remarks
18	HART Communicator	M/s ABB,GERMANY/FARIDABAD	Approved
		M/s EMERSON PROCESS , USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved
		M/s YOKOGAWA, JAPAN (YOKOGAWA-BANGALORE)	Approved
19	HART Management System	M/s EMERSON PROCESS , USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved
		M/s PEPPERL + FUCHS, GERMANY / INDIA	Approved
20	Alarm Annuciation System	M/s INSTRUMENTATION LIMITED,KOTA	Approved
		M/s PROCON CHENNAI	Approved
21	CCTV system (Integrator of main items from BOSCH-Germany, HONEYWELL-USA, PELCO-	M/s CMS,MUMBAI	Approved
		M/s NELCO,MUMBAI	Approved
22	Cable Glands	M/s ELECTROMAC INDUSTRIES, MUMBAI	Approved
23	Cable Lugs	M/s BRACO ELECTRICALS, MUMBAI	Approved
24	Cable trays	M/s JAMNA METAL COMPANY, NEW DELHI	Approved
25	Instrumentation, Control & Compensing / Thermocouple extension cables (PVC, FRLS Type)	M/s CORDS CABLES, RAJASTHAN	Approved
		M/s DELTON CABLES,FARIDABAD	Approved
		M/s INCAB, PUNE	Approved
		M/s T C COMMUNICATION PVT. LTD, NEW DELHI	Approved
		M/s POLYCAB,DAMAN	Approved
		M/s THERMO CABLES, HYDERABAD	Approved
26	LT Power Cables (PVC/XLPE Insulation)	M/s CORDS CABLES, RAJASTHAN	Approved
		M/s DELTON CABLES,FARIDABAD	Approved
		M/s KEI INDUSTRIES LTD ,CHENNAI	Approved
		M/s HAVELLS, NEW DELHI	Approved
		M/s PARAMOUNT CABLES,ALWAR	Approved
		M/s POLYCAB, DAMAN	Approved
		M/s THERMO CABLES, HYDERABAD	Approved
		M/s UNIVERAL CABLES,SATNA	Approved
27	Maintenance & Calibration Equipments	M/s GE INDIA INDUSTRIAL PVT.LTD,BANGALORE	Approved
28	Portable Vibration Analyser/Dynamic Analyser	M/s ROCK WELL AUTOMATION INDIA LTD	Approved
		M/s BENTLY NEVADA INC	Approved
		M/s SHINKAWA ELECTRIC CO., LTD	Approved
		M/s IRD MECHANALYSIS LIMITED	Approved
29	Pressure and Differential Pressure Gauges	M/s A.N.INSTRUMENTS PVT LTD CHENNAI	Approved
		M/s GOA STATIC INSTRUMENTS GOA	Approved
		M/s H.GURU INSTRUMENTS(SOUTH INDIA)PVT. BANGALORE	Approved
30	Maintenance and Calibration Equipment (Lab Items) Mechanical	M/s TTL TECHNOLOGIES PVT. LTD. ANDHERI(EAST), MUMBAI	Approved
		M/s NAGMAN INSTMTS. & ELECTRONICS (P) L CHENNAI	Approved
		M/s GE INDIA INDUSTRIAL PVT. LTD. BANGALORE	Approved
31	Level Switch Capacitance Type	M/s SBEM PRIVATE LIMITED PUNE	Approved
32	Level Switch Conductivity Type (Probes & Electronics)	M/s LEVELSTATE SYSTEMS LTD , SOLARTRON TRANSDUCER U.K	Approved
33	Level Switch Conductivity Type (Stand Pipe, Valves etc)	M/s HI-TECH SYSTEMS & SERVICES LTD CALCUTTA	Approved
		M/s RAMAN INSTRUMENTS PVT. LTD. 29TH ROAD,BANDRA(WEST),MUMBAI,	Approved
34	Level Switch Float Type	M/s LEVCON INSTRUMENTS P LTD KOLKATA,,	Approved
		M/s SBEM PRIVATE LIMITED PUNE	Approved
		M/s V.AUTOMAT & INSTRUMENTS PVT. LTD. NEW DELHI	Approved

BHEL - EDN			
TSGENCO - KOTHAGUDEM THERMAL POWER STATION, STAGE-VII, UNIT # 12 (1 x 800 MW)			
APPROVED SUB VENDOR LIST			
S.NO	DESCRIPTION	PROPOSED SUB VENDOR	TSGENCO Remarks
35	Temperature Elements	M/s DETRIV INSTRUMENTATION AND ELETRI MUMBAI	Approved
		M/s PYRO ELECTRIC INSTRUMENTS GOA PVT.L MAPUSA, GOA	Approved
36	Temperature Gauges	M/s A.N.INSTRUMENTS PVT LTD CHENNAI	Approved
		M/s GENERAL INSTRUMENTS CONSORTIUM MUMBAI	Approved
		M/s GOA THERMOSTATIC INSTRUMENTS GOA	Approved
		M/s H.GURU INSTRUMENTS(SOUTH INDIA)PVT. BANGALORE	Approved
37	Level Gauge	LEVCON INSTRUMENTS P LTD KOLKATA	Approved
		SBEM PRIVATE LIMITED PUNE	Approved
		V.AUTOMAT & INSTRUMENTS PVT. LTD. NEW DELHI,	Approved
38	Air Filter Regulator	PLACKA INSTRUMENTS INDIA PVT LTD CHENNAI	Approved
		SHAVO NORGREN(INDIA)PVT LTD BANGALORE	Approved
39	CO Analyser Insitu Type	CHEMTROLS INDUSTRIES LIMITED POWAI, MUMBAI	Approved
		LAND INSTRUMENTS INTERNATIONAL ENGLAND (UK)	Approved
		CODEL INTERNATIONAL LTD	Approved
		SICK MAIHAK GMBH	Approved
40	Oxygen Analyser (LT)	EMERSON PROCESS MANAGEMENT KUMARAPARK(WEST), BANGALORE,	Approved
		AMETEK P AND AI DIVISION SINGAPORE	Approved
		YOKOGAWA ELECTRIC CORPORATION TOKYO 180	Approved
41	Oxygen Analyser (HT)	MARATHON MONITORS INC U S A	Approved
42	Flue Gas Anylser Insitu Probe Type	CHEMTROLS INDUSTRIES LIMITED POWAI, MUMBAI	Approved
43	Steam and Water analysis System (SWAS)	Endress+Hauser, Yokogawa Japan	Approved
		ABB INDUSTRIES AG SWITZERLAND	Approved
		ROSEMOUNT ANALYTICAL INC IRVINE	Approved
		HACH LANGE S.A.R.L CH-1222, VESENAZ	Approved
		THERMO ORION INC BEVERLY MA 01915-6199,POLYMETRON,FRANCE	Approved
44	Steam and Water analysis System (SWAS) - Sampling System	EMERSON PROCESS MANAGEMENT KUMARAPARK(WEST), BANGALORE	Approved
		YOKOGAWA INDIA LIMITED BANGALORE	Approved
45	Impulse and Sample Pipes (Carbon Steel)	BHARAT HEAVY ELECTRICALS LTD TIRUCHIRAPALLI	Approved
		SUMITOMO CORPORATION	Approved
		TPS TECHNITUBE ROHREN WERKE GMBH GERMANY	Approved
46	Socket Weld Fittings	PANAM ENGINEERS LTD	Approved
		PRECISION ENGG INDUSTRIES GOREGAON(W), MUMBAI	Approved
		V.K.INDUSTRIES BANGALORE, VIKAS INDUSTRIAL PRODUCTS NOIDA	Approved
		EXCEL HYDRO-PNEUMATICS PVT LTD MUMBAI	Approved
		METPRESS ENGINEERING WORKS KOLKATA, BALDOTA VALVE AND MUMBAI	Approved
		FLOWTECH. KOLKATA	Approved
47	Valve Manifolds	ASTEC VALVE & FITTINGS PVT. LTD. ANDHERI (EAST), MUMBAI	Approved
		FLOWTECH. KOLKATA	Approved
48	Condensate Pots	INSTRUMENTATION LIMITED PALGHAT	Approved
		PRECISION ENGG INDUSTRIES GOREGAON(W), MUMBAI	Approved
		FLOWTECH. KOLKATA	Approved
		MICRO PRECISION PRODUCTS PVT LTD FARIDABAD,	Approved
49	Vibration Monitoring Systems Sensors, Analysis System etc	BENTLY NEVADA INC MINDEN, SHINKAWA ELECTRTIC CO., LTD TOKYO	Approved
		IRD MECHANALYSIS LIMITED, MUMBAI	Approved

BHEL - EDN			
TSGENCO - KOTHAGUDEM THERMAL POWER STATION, STAGE-VII, UNIT # 12 (1 x 800 MW)			
APPROVED SUB VENDOR LIST			
S.NO	DESCRIPTION	PROPOSED SUB VENDOR	TSGENCO Remarks
50	Vibration Monitoring Systems Panel and Accessories	MEGGITT INDIA PRIVATE LTD.	Approved
		Rockwell Automation India Limited Sahibabad, dist.Ghaziabad	Approved
		IRD MECHANALYSIS LIMITED, MUMBAI	Approved
51	Erection Material	ASTEC VALVE & FITTINGS PVT. LTD. ANDHERI	Approved
		PRECISION ENGG INDUSTRIES GOREGAON(W), MUMBAI	Approved
		EXCEL HYDRO-PNEUMATICS PVT LTD MUMBAI	Approved
		METPRESS ENGINEERING WORKS KOLKATA, BALDOTA VALVE AND MUMBAI	Approved
52	Pressure and Differential Pressure Switch	SWITZER INSTRUMENT LTD AMBATTUR, CHENNAI	Approved
53	Compression Fittings	PRECISION ENGG INDUSTRIES GOREGAON(W), MUMBAI	Approved
54	GI Pipes	SURYA ROSHNI LTD	Approved
		PRECISION ENGG INDUSTRIES GOREGAON(W), MUMBAI	Approved
		V.K.INDUSTRIES BANGALORE	Approved
		VIKAS INDUSTRIAL PRODUCTS NOIDA	Approved
		EXCEL HYDRO-PNEUMATICS PVT LTD MUMBAI	Approved
		METPRESS ENGINEERING WORKS KOLKATA, BALDOTA VALVE AND MUMBAI	Approved
55	Structural Steel	PIPE CORPORATION PVT LTD	Approved
		BHARAT HEAVY ELECTRICALS LTD. SALT	Approved
		NATHMAL DAGA & CO BANGALORE	Approved
		ARIHANT METAL CORPORATION BANGALORE	Approved
		MARUTI STEELS BANGALORE	Approved
		RAJASTHAN STEEL SUPPLIERS MOTINAGAR, BANGALORE	Approved
		REDUANCE HARDWARE MART BANGALORE	Approved
56	Coal Bunker Level Monitoring System (Strain Gauge Type) Strain Gauge Sensors, electronics	STEEL AUTHORITY OF INDIA LTD BANGALORE	Approved
		Thermo Ramsey INC Minneapolis, Chicago	Approved
57	Coal Bunker Level Monitoring System (Strain Gauge Type) ACCESSORIES	VENTURE MEASUREMENT	Approved
		KISTLER - MORSE AUTOMATION LTD. HYDERABAD	Approved
58	Dust Density (Opacity) Monitor	Thermo Ramsey INC Minneapolis, Chicago	Approved
		CODEL INTERNATIONAL LTD	Approved
		LAND INSTRUMENTS INTERNATIONAL ENGLAND (UK)	Approved
		SICK MAIHAK GMBH	Approved
		CHEMTROLS INDUSTRIES LIMITED POWAI, MUMBAI	Approved
59	E/P Convertor Fail Freeze Type	IMI NORGREIN HERION PRIVATE LIMITED	Approved
		WATSON SMITH LTD ENGLAND	Approved
60	Instrument Valve		Approved
		BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI	Approved
		PRECISION ENGG INDUSTRIES GOREGAON(W), MUMBAI	Approved
		EXCEL HYDRO-PNEUMATICS PVT LTD MUMBAI	Approved
		METPRESS ENGINEERING WORKS KOLKATA, BALDOTA VALVE AND MUMBAI	Approved
61	LIE/LIR	AURA INC. PHASE - 2, NEW DELHI	Approved
		PYROTECH ELECTRONICS (P) LTD UDAIPUR	Approved
		CHEMIN CONTROLS AND INSTRUMENTATION PONDICHERRY,	Approved
62	Coal Bunker Level Monitoring System (Ultrasonic Type)	TSGENCO insist for 3D acoustic Type Bunker Level Monitoring. (Ultra sonic type is not applicable)	
		BHARAT HEAVY ELECTRICALS LTD TIRUCHIRAPALLI	Approved

BHEL - EDN			
TSGENCO - KOTHAGUDEM THERMAL POWER STATION, STAGE-VII, UNIT # 12 (1 x 800 MW)			
APPROVED SUB VENDOR LIST			
S.NO	DESCRIPTION	PROPOSED SUB VENDOR	TSGENCO Remarks
63	Impulse and Sample Pipes Alloy Steel	SALZGITTER MANNESMANN INTERNATIONAL	Approved
		SUMITOMO CORPORATION	Approved
		TPS TECHNITUBE ROHREN WERKE GMBH GERMANY	Approved
		JINDAL SAW LTD CHENNAI	Approved
		HEAVY METAL AND TUBES LTD. 6TH KHETWADI, MUMBAI	Approved
64	Impulse and Sample Pipes Stainless Steel	SALZGITTER MANNESMANN INTERNATIONAL	Approved
		SUMITOMO CORPORATION	Approved
		TPS TECHNITUBE ROHREN WERKE GMBH GERMANY	Approved
		RATNAMANI METALS & TUBES LTD AHMEDABAD	Approved
		SURAJ STAINLESS LIMITED ASHRAM ROAD, AHMEDABAD	Approved
		HEAVY METAL AND TUBES LTD. 6TH	Approved
65	Impact Head Type Element	SHUBHLAXMI METALS AND TUB	Approved
		EMERSON PROCESS MANAGEMENT KUMARAPARK(WEST), BANGALORE	Approved
66	Sight Flow Indicator	SWITZER INSTRUMENT LTD AMBATTUR, CHENNAI	Approved
		LEVCON INSTRUMENTS P LTD KOLKATA	Approved
		V.AUTOMAT & INSTRUMENTS PVT. LTD. NEW DELHI	Approved
67	Magnetic Flow Meter	CHEMTROLS SAMIL (INDIA) PVT. LTD. POWAI, MUMBAI	Approved
		ENDRESS+HAUSER GMBH+CO.KG WEIL AM RHEIN	Approved
		EMERSON PROCESS MANAGEMENT KUMARAPARK(WEST), BANGALORE	Approved
		HONEYWELL PUNE	Approved
		YOKOGAWA INDIA LIMITED BANGALORE	Approved
68	Turbine Supervisory System	GE-ENERGY(BENTLY NEVADA),USA/GEIPL, INDIA	Approved
		MEGGIT-VIBROMETER, SWITZERLAND	Approved
		ROCKWELL AUTOMATION, USA / INDIA	Approved
		SHINKAWA, JAPAN	Approved
69	FEP insulated cables	DELTON CABLES, NEW DELHI	Approved
		HABIA CABLES, SWEDEN/CHINA	Approved
		LAPP CABLES, GERMANY	Approved
		LEONI KERPEN, GERMANY	Approved
		THERMOELECTRIC, USA	Approved
70	PTFE insulated Cables	DELTON CABLES, NEW DELHI	Approved
		TOSHNIWAL CABLES PRIVATE LIMITED, JAIPUR	Approved
		UNIVERSAL CABLES LIMITED, SATNA	Approved
71	TG cable ducts & mounting frames	GEE DEE PACKAGES PVT LTD, MYSORE	Approved
		MALLIC ENGG., BANGALORE	Approved
		PRAMMEN INDUSTRIES, PUDUKOTTAI	Approved
		VASANTHALAKSHMI ENGG. WORKS, BANGALORE.	Approved
72	PC'S	HP	Approved
73	Control / Operator Desk / Rack	BHEL Approved Vendors (If no specific vendor's product)	Approved
74	PANEL METERS	AUTOMATIC ELECTRIC PVT LTD.	Approved
		MECO INSTRUMENTS	Approved
		RISHAB	Approved
75	INDICATING LAMPS	ABB(I) LTD.	Approved
		ESSEN & DEINIKI	Approved
		GE POWER CONTROLS	Approved
		SIEMENS	Approved
76	MCB	SCHNEIDER ELECTRIC	Approved
		SIEMENS AG / SIEMENS(I) LTD.	Approved

BHEL - EDN			
TSGENCO - KOTHAGUDEM THERMAL POWER STATION, STAGE-VII, UNIT # 12 (1 x 800 MW)			
APPROVED SUB VENDOR LIST			
S.NO	DESCRIPTION	PROPOSED SUB VENDOR	TSGENCO Remarks
77	TRANSDUCER	ELSTER METERING MUMBAI	Approved
		PYROTECH	Approved
78	AUXILIARY RELAY	JYOTHI LTD. BARODA	Approved
		KAYCEE IND.	Approved
79	ROTARY SWITCHES	SALZER,	Approved
		FUSE GEAR	Approved
80	HRC FUSES WITH TRIP INDICATOR, FUSE BASE ISOLATOR	GE POWER CONTROLS LTD	Approved
		SIEMENS INDIA	Approved
81	CCTV SYSTEM (IP BASED) WITH ACCESSORIES .	BOSCH	Approved
		HONEYWELL AUTOMATION ,BANGALORE	Approved
82	LVS	DELTA INDIA	Approved
		CHRISTIE-USA	Approved
		BARCO	Approved
		PYROTECH	Approved
83	MODULAR DESK	CHEMIN CONTROLS AND INSTRUMENTATION , PONDICHERRY	Approved
		COSMOS MEDIA PRODUCTS PVT LTD ,NOIDA	Approved
		PYROTECH WORKSPACE SOLUTIONS PVT LTD , UDAIPUR	Approved
84	COMPUTER FURNITURE.	COSMOS MEDIA PRODUCTS PVT LTD ,NOIDA	Approved
		GODREJ AND BOYCE MANUFACTURING CO LTD, BANGALORE	Approved
		PYROTECH WORKSPACE SOLUTIONS PVT LTD , UDAIPUR	Approved
85	CRT Desk	CHEMIN CONTROLS AND INSTRUMENTATION , PONDICHERRY	Approved
86	Dot matrix Printer	EPSON	Approved
87	WORKSTATIONS , SERVER, PC'S	IBM-LENOVO	Approved
88	PRINTERS (Laser/Inkjet)	EPSON(Inkjet only)	Approved
		IBM	Approved
		DELL	Approved
89	TFT MONITOR	IBM-LENOVO	Approved
		SAMSUNG	Approved
90	WIRELESS COMMUNICATION LINK	D LINK,GOA	Approved
		PYROTECH LTD , UDAIPUR	Approved
		APLAB LIMITED ,THANE	Approved
91	MINI UPS FOR HMI	HITACHI HI-REL POWER ELECTRONICS,BANGALORE	Approved
		EMERSON NETWORK INDIA,BANGALORE	Approved
92	GIU	ROCKWELL AUTOMATION INDIA PVT LTD.	Approved
93	STATION LAN EQUIPMENT	IBM INDIA PVT LTD.	Approved
		TEXONIC INSTRUMENTS ,BANGALORE	Approved
		WIPRO INFOTECH ,BANGALORE	Approved
94	Ofc	HFCL-GOA	Approved
		FINOLEX ,PUNE/GOA	Approved
		D-LINK	Approved

BHEL-BHOPAL –TRANSFORMERS Approved VENDOR LIST

SI No	ITEM	Proposed sub-supplier	Place	TSGENCO Remarks
		Unirub Techo India Pvt. Ltd.	Pune	Approved
23	OIL PUMP AND MOTOR SET	Beacon Weir Ltd	Chennai	Approved
		Flowwell Pumps & Meters	Bangalore	Approved
		SPP Pumps	UK	Approved
		Best & Crompton Engg. Ltd	Chennai	Approved
		Best & Crompton	Chennai	Approved
24	TERMINAL CONNECTOR	Klemmen Engg	Chennai	Approved
		Nutan Engineers	Baroda	Approved
		Pee Vee Engg	Bangalore	Approved
		Vinayak Transmission	Mumbai	Approved
		Atvus Industries	Kolkata	Approved
25	BUCHOLZ RELAY & OIL SURGE RELAY	EMB	Germany	Approved
		ETI	Italy	Approved
		Instruments & Controls	Vadodara	Approved
		P&B Weir Electric	UK	Approved
		Atvus Industries	Kolkata	Approved
26	OIL/WATER FLOW INDICATOR	Sukrut Udyog	Pune	Approved
		Atvus Industries	Kolkatta	Approved
27	PRESSURE RELIEF VALVE	Qualitrol	USA	Approved
		Rajshree	Jhansi	Approved
		Sukrut Udyog	Pune	Approved
		Atvus Industries	Kolkata	Approved
28	MAGNETIC OIL GAUGE	Instruments & Controls	Vadodara	Approved
		Yogya Enterprises	Jhansi	Approved
		Sukrut Udyog	Pune	Approved
		ANI	Kolkata	Approved
29	PRESSURE GAUGE	Bells Control	Kolkata	Approved
		Manometer	Mumbai	Approved
		Accurate Control	Chennai	Approved
30	OTI/WTI (RTD/TYP)	AKM	Sweden	Approved
		Perfect Controls	Chennai	Approved
		Precimeasure Controls	Chennai/Bangalore	Approved
		BHEL	Bhopal	Approved
31	OFF-CIRCUIT TAP CHANGER	Easun - MR	Chennai	Approved
		CTR	Pune	Approved
		ASPE	France	Approved

BHEL-BHOPAL –TRANSFORMERS Approved VENDOR LIST

SI No	ITEM	Proposed sub-supplier	Place	TSGENCO Remarks
42				
a)	THERMAL OVERLOAD RELAY	ALSTOM Limited	Bangalore	Approved
		Siemens	Mumbai	Approved
		Alstom	Chennai	Approved
b)	INDICATING LAMPS & ASSEMBLY	STS	Noida	Approved
		L&T	Mumbai	Approved
		ALSTOM	Bangalore	Approved
		Technic	Mumbai	Approved
c)	LT AC CONTROL/SELECTOR SWITCH	Siemens	Mumbai	Approved
		KAYCEE	Mumbai	Approved
		Alstom	Chennai	Approved
		L&T	Mumbai	Approved
d)	MINIATURE CIRCUIT BREAKER (MCB)	Legrand	Mumbai	Approved
		CGL	Mumbai	Approved
		ALSTOM	Bangalore	Approved
		L&T	Mumbai	Approved
		Siemens	Mumbai	Approved
e)	POWER & AUX. CONTACTORS	Siemens	Mumbai	Approved
		L&T	Mumbai	Approved
		Alstom	Chennai	Approved
f)	TERMINAL BLOCKS & STUDS	Elmex	Vadodara	Approved
		Connectwell	Mumbai	Approved
g)	PUSH BUTTON	BCH	Faridabad	Approved
		Alstom	Chennai	Approved
		Siemens	Mumbai	Approved
		L&T	Mumbai	Approved
		Technic	Mumbai	Approved
h)	SWITCH FUSE UNIT	Siemens	Mumbai	Approved
		ALSTOM	Bangalore	Approved
		L&T	Mumbai	Approved
		Control and Switchgear	Delhi	Approved
i)	HRC FUSE LINK & BASE	Alstom	Chennai	Approved
		L&T	Mumbai	Approved
		GEPC	Hosur	Approved
j)	TAP POSITION INDICATOR	Siemens	Mumbai	Approved

BHEL-BHOPAL –TRANSFORMERS Approved VENDOR LIST

SI No	ITEM	Proposed sub-supplier	Place	TSGENCO Remarks
		Perfect Control	Chennai	Approved
k)	CONTROL AUXILIARY TRANSFORMER	AU Electromachines	Allahabad	Approved
		Prayog Electric	Pune	Approved
		Pragati Electricals	Mumbai	Approved
l)	TIME DELAY RELAY (PNEUMATIC / STATIC)	Siemens	Mumbai	Approved
		L&T	Mumbai	Approved
		Alstom	Chennai	Approved
m)	INDICATING METERS	Alstom	Chennai	Approved
		Automatic Electric	Mumbai	Approved
		IMP	Mumbai	Approved
		Meco	Mumbai	Approved
n)	ANNUCIATORS	Pradeep	Mumbai	Approved
		Minilec Marketing Pvt Ltd	Pune	Approved
		Proton	Chennai	Approved
		IIC	Mumbai	Approved
o)	POWER & CONTROL CABLE	Polycab	Daman	Approved
		Torrent Cable	Ahmedabad	Approved
		Paramount Cable	Alwar	Approved
		Finolex	Pune	Approved
p)	BRASS CABLE GLANDS	Sunil & co	Kolkata	Approved
		Comet	Mumbai	Approved
		Bracco	Mumbai	Approved
		Quality Precision	Kolkata	Approved
q)	CABLE LUGS / SOCKETS	Dowells	Mumbai	Approved
r)	3 PIN Switch Plug & Socket	CGL	Auragabad	Approved
s)	LIMIT AND MICRO SWITCH	Telemchanique	France	Approved
		Essen	Chandigarh	Approved
		BCH	Faridabad	Approved
t)	CAM OPERATED MICRO SWITCH	Omron	Japan	Approved
		Honeywell	USA	Approved
D	OFAF/ODAF COOLER	LUVATA	Sweden/China	Approved
		Asha Bhanu Tech Services	Hyderabad	Approved
		Unifin International	Canada	Approved
		Serk Heat Transfer	UK	Approved
		ABB	Sweden	Approved
		GEI Hamon	Bhopal	Approved

ANNEXURE-1

ELECTRICAL VENDOR LIST- 1X800 MW KOTHAGUDAM TPS

S.No	ITEM DESCRIPTION	S.No	VENDOR PROPOSED BY BHEL-ISG	TSGENCO Remarks
1	UPS	1	APLAB, THANE,	Not Approved
		2	EMERSON NETWORK POWER (PUNE) PVT.LTD., BANGALORE	Approved
		3	HITACHI HI-REL POWER ELECTRONICS PVT LTD	Approved
		4	EMERSON NETWORK POWER INDIA PVT.LTD., BANGALORE	Not Approved
		5	SCHNEIDER ELECTRIC IT BUSINESS INDIA PRIVATE LIMITED	Not Approved
		6	DUBAS ENGG.PVT.LTD., BANGALORE	Not Approved
		7	Grid power conversion Pvt Ltd.	Not Approved
		8	Delta India Electronics Pvt Ltd	Approved
2	BATTERY CHARGER	1	AMAR RAJA POWER SYSTEMS, TIRUPATHI ✓	Approved
		2	CHLORIDE POWER SYSTEMS & SOLUTIONS LIMITED	Not Approved
		3	CHABBI ELECTRICALS, MUMBAI ✓	Approved
		4	EMERSON NETWORK POWER (PUNE) PVT.LTD., BANGALORE ✓	Approved
		5	UNIVERSAL INSTRUMENTS MANUFACTURING Co. Pvt. Ltd.	Not Approved
		6	SERVILINK ENGINEERS PVT.LTD., VADODARA	Not Approved
		7	DUBAS ENGG.PVT.LTD., BANGALORE	Not Approved
		8	Electronic Systems	Not Approved
		9	Power & Protection	Not Approved
		10	Statcon Power Controls Ltd. ✓	Approved
		11	SIGNOTRON (INDIA) PVT LTD.	Not Approved
		12	System Aid	Not Approved
		13	SHERENE ELECTRO CONTROL PVT LTD	Not Approved
3	BATTERIES	1	AMAR RAJA BATTERIES, TIRUPATHI	Approved
		2	HBL NIFE POWER SYSTEMS LTD.	Approved
		3	EXIDE INDUSTRIES LIMITED	Approved
		4	Grid power conversion Pvt Ltd.	Not Approved
		5	SIGNOTRON (INDIA) PVT LTD.	Not Approved
		6	System Aid	Not Approved
		7	AMCO SAFT INDIA LTD.	Not Approved
4	DRAW OUT MCC (PANELS) ***	1	CROMPTON GREAVES LTD.	Not Approved
		2	C & S ELECTRIC LTD	Approved
		3	GE INDIA INDUSTRIAL PRIVATE LIMITED	Not Approved
		4	LARSEN & TOUBRO LIMITED	Approved
		5	SIEMENS India Ltd.	Approved
		6	BCH Electric Limited	Not Approved
		7	KMG ATOZ SYSTEMS (P) LTD.,	Not Approved
		8	Tricolite Electrical Industries, Sahibabad	Not Approved
		9	SCHNEIDER ELECTRIC INDIA PVT.LTD.,	Approved
		10	Unilec Engineers Limited , New Delhi	Not Approved
		11	VRL Automation Engineering & Projects Ltd	Not Approved

Signature
9/1/13

		41	POWER PLUS (BANGALORE) PVT LTD.,	Not Applicable
		42	ELINS SWITCHBOARDS PVT LTD.,	Not Applicable
		43	EMCONS	Not Applicable
		44	CONTROL DEVICES	Not Applicable
		45	INDUSTRIAL CONTROLS & APPLIANCES PVT.LTD	Not Applicable
		46	S.B. POWER SYSTEMS	Not Applicable
		47	SAMCON INDUSTRIAL CONTROLS PVT LTD	Not Applicable
		48	AMBIT SWITCHGEAR PVT LTD	Not Applicable
		49	POWERTECH SWITCHGEARS (I) PVT LTD	Not Applicable
		50	ADVANCE POWER CONTROLS LIMITED	Not Applicable
		51	POWER CONTROL EQUIPMENTS	Not Applicable
		52	CUBIC CONTROL SYSTEMS	Not Applicable
		53	HAVELL'S INDIA LTD.,	Not Applicable
		54	MEDITRON	Not Applicable
		55	POSITRONICS PRIVATE LIMITED	Not Applicable
		56	GEMCO CONTROLS LTD	Not Applicable
		57	SYSTEM INFOTECH	Not Applicable
		58	HI-TECH SERVICES	Not Applicable
		59	NIKITECH ELECTRIC PVT LTD.,	Not Applicable
6	CONTROL DESK	1	LOTUS POWER GEAR PRIVATE LTD.	Not Approved
		2	CONTROL INFOTECH PVT LTD,	Not Approved
		3	MEDITRON, RANCHI	Not Approved
		4	HI-POWER CONTROLS	Not Approved
		5	SUN ELECTRO CONTROL SYSTEMS PVT. LTD	Not Approved
		6	VENSON ELECTRIC CO. LTD	Not Approved
		7	SEN & SINGH ENGINEERS, KOLKATA	Not Approved
		8	PYROTECH ELECTRONICS PVT. LTD.	Approved
		9	SWITCHING CIRCUITS, KOLKATA	Not Approved
		10	KMG ATOZ SYSTEMS (P) LTD.,	Not Approved
		11	JASPER ENGINEERS PVT.LTD.	Not Approved
		12	Dynaspede Integrated Systems Pvt. Ltd.,	Not Approved
		13	Power & Protection	Not Approved
		14	CONTROL DEVICES	Not Approved
		15	Tech-up Engineering Pvt Ltd.	Not Approved
		16	ELKTRISCHEN POWER GEARS (P) LTD.	Not Approved
		17	VEE VEE CONTROLS PRIVATE LIMITED	Approved
		18	GEMCO CONTROLS LTD	Approved
7	JB/ CT BOX/PUSH BUTTON STATION / CABLE BOX/LCB/MLDB/SLDB	1	ELKTRISCHEN POWER GEARS (P) LTD.	Not Approved
		2	HI-POWER CONTROLS	Approved
		3	ORVEEM INDUSTRIES, BANGALORE	Not Approved
		4	VEE VEE CONTROLS PRIVATE LIMITED	Not Approved
		5	CYCLO ELECTRIC DEVICES & SERVICES CO.	Not Approved
		6	SWITCHING CIRCUITS, KOLKATA	Not Approved
		7	SARVANNA SWITCHGEARS, BANGALORE	Not Approved
		8	PATNY SYSTEMS, HYDERABAD	Not Approved
		9	JASPER ENGINEERS PVT.LTD.	Approved

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9/11/10

		14	RIMA TRANSFORMERS & CONDUCTORS LTD.,	Not Approved
		15	Tesla Transformers Ltd.	Not Approved
		16	VIJAI ELECTRICALS LTD,	Not Approved
		17	MEGAWIN SWITCH GEAR - P - LTD.,	Not Approved
		18	SERVOMAX INDIA LIMITED	Not Approved
		19	VOLTECH MANUFACTURING CO., LTD.,	Not Approved
		20	TELAWNE POWER EQUIPMENTS PVT LTD	Not Approved
19	LIGHTING TRANSFORMERS	1	INTRA VIDYUT LIMITED	Not Approved
		2	AMES IMPEX ELECTRICALS PVT.LTD	Not Approved
		3	Indcoil Transformers Pvt Ltd	Approved
		4	MEHRU ELECT & MECH ENGINEERS(P) LTD	Not Approved
20	Illumination Package	1	BAJAJ ELECTRICALS LIMITED	Approved
		2	CROMPTON GREAVES LTD.	Approved
		3	PHILIPS INDIA LIMITED	Approved
		4	CANARA LIGHTING INDUSTRIES, MANGALORE	Not Approved
		5	K-LITE INDUSTRIES, CHENNAI	Not Approved
		6	HAVELL'S INDIA LTD., NEW DELHI	Approved
		7	INDO ASIAN FUSE GEAR LIMITED	Not Approved
		8	PLUG-IN SERVICES	Not Approved
		9	Vintus systems	Not Approved
		10	MIKA ENGINEERS	Not Approved
		11	ELMECO PROJECTS PVT LTD.,	Not Approved
		12	AVAIDS TECHNOVATORS PVT LTD	Not Approved
		13	Rohini Industrial Electricals Ltd	Not Approved
21	EARTHING MATERIALS	1	SHIVA ENGG.WORKS, KOLKATA	Not Approved
		2	MAHAVEER ENGG. KOLKATA	Not Approved
		3	AARPEE ASSOCIATES, KOLKATA	Not Approved
		4	VATCO ELEC-POWER PVT LTD.	Not Approved
		5	PATNY SYSTEMS, HYDERABAD	Not Approved
		6	SHREEM CAPACITORS PVT.LTD.	Not Approved
		7	INDIA ELECTRICALS SYNDICATE,	Not Approved
		8	RUKMANI ELECTRICAL & COMPONENTS PVT.LTD.,	Approved
		9	PREMIER POWER PRODUCTS PVT.LTD, KOLKATA	Approved
		10	Inar Profiles Pvt. Ltd.,	Not Approved
		11	Jamna Metal Company	Approved
		12	UCIC PRIVATE LIMITED	Not Approved
		13	RABI ENGINEERING WORKS PVT LTD	Not Approved
		14	R.S. VALVES & PRODUCTS	Not Approved
		15	INDUSTRIAL PERFORATION (INDIA) PVT. LTD.	Not Approved
		16	RATAN PROJECTS & ENGINEERING CO PVT LTD	Not Approved
		17	UNITECH FABRICATORS & ENGINEERS PVT LTD	Not Approved
22	PLC / SCADA	1	ROCKWELL AUTOMATION INDIA PVT., LTD.,	Approved
		2	GE INTELLIGENT PLATFORMS PVT LTD	Approved

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21/4/15

		3	SIEMENS India Ltd.	Approved
		4	LARSEN & TOUBRO LIMITED	Not Approved
		5	ABB LIMITED	Not Approved
		6	SCHNEIDER ELECTRIC INDIA PVT.LTD.	Approved
		7	SYNERGY SYSTEMS & SOLUTIONS	Not Approved
		8	YOKOGAWA INDIA LIMITED,	Not Approved
		9	Megatech Controls Ltd.	Not Approved
		10	Pyrotech Electronics Pvt. Ltd.	Not Approved
		11	HoneyWell Automation India Ltd.	Approved
		12	I-Logicon Control Automation Pvt Ltd.	Not Approved
		13	AUTOMATION NETWORKS & SERVICES	Not Approved
		14	SUNLUX TECHNOLOGIES PRIVATE LIMITED	Not Approved
		15	EMCONS	Not Approved
		16	VASUNDRA AUTOMATION & ENGG.SERVICES PVT LTD.,	Not Approved
		17	POWERTECH SWITCHGEARS (I) PVT LTD	Not Approved
		18	GEMCO CONTROLS LTD	Not Approved
23	LIMIT SWITCHES	1	KA SCHMERSAL, GERMANY	Not Approved
		2	JOHAN VOLLENBROICH, GERMANY	Approved
		3	IFM ELECTRONIC, GERMANY	Not Approved
		4	JAYASHREE ELECTRON PVT. LTD,	Not Approved
		5	GENERAL INSTRUMENT CONSORTIUM	Approved
		6	SIEMENS India Ltd.	Approved
		7	BCH Electric Limited	Not Approved
		8	PEPPERL+FUCHS(INDIA) PVT LTD	Approved
		9	JAI BALAJI & CO., CHENNAI	Not Approved
		10	ELECTRO MECHANICAL INDIA, KOLKATA	Not Approved
		11	JAYASHREE ELECTRON PVT. LTD,	Not Approved
		12	ELECTRICAL EQUIPT. CORPN., NEW DELHI	Not Approved
		13	AG Systems, (AG Electronics)MUMBAI	Not Approved
		14	Beta Systems engineering	Approved
		15	PROTOCONTROL INSTRUMENTS (I) PVT LTD	Approved
24	PULLCHORD SWITCHES/BELT SWAY SWITCHES (Belt Monitoring / Conveyor Safety Switches , AC/DC Tachogenerators , Servomotors, Digital Drives and Selsyn Motors)	1	Jayashree Electrodevices Pvt. Ltd.,	Approved
		2	Beta Systems engineering	Not Approved
		3	PROTOCONTROL INSTRUMENTS (I) PVT LTD	Not Approved
25	WEIGHING SYSTEMS WITH LOAD CELLS	1	ABB LIMITED	Approved
		2	SARTORIUS MECHATRONICS INDIA PVT LTD.	Not Approved
		3	AVERY (I) LTD., Ballavgarh	Approved
		4	NARNE TULAMAN MANUFACTURERS PVT LTD	Not Approved
		5	SCHENCK JENSON & NICHOLSON,	Approved
		6	SCHENCK PROCESS INDIA LIMITED	Not Approved

Signature
9/4/15

		7	ESSAE DIGITRONICS PRIVATE LIMITED	Not Approved
		8	IPA, Pvt. Ltd.	Not Approved
		9	KLISTER MORSE AUTOMATION LTD	Not Approved
26	TRANSDUCERS (CURRENT/VOLTAGE)	1	LEMDYN, USA	Not Approved
		2	EMCON INSTRUMENTS PVT.LTD	Not Approved
		3	ABB LIMITED	Not Approved
		4	IRD MECHANALYSIS LIMITED,	Not Approved
		5	Industrial Sales Corporation	Not Approved
27	ZERO SPEED / PROXIMITY SWITCHES	1	TIFENBACH, GMBH, GERMANY	Approved
		2	JAYASHREE ELECTRON PVT. LTD,	Approved
		3	AG Systems, (AG Electronics)MUMBAI	Approved
		4	PEPPERL+FUCHS(INDIA) PVT LTD	Approved
		5	Jayashree Electron Pvt. Ltd.,	Approved
		6	Omron Automation Pvt Ltd.	Approved
		7	SCH mersal India Pvt. Ltd.	Not Approved
		8	Biecco Lawrie Ltd,	Not Approved
		9	PROTOCONTROL INSTRUMENTS (I) PVT LTD	Approved
28	RTD/THERMOCOUPLE	1	NAGMAN SENSORS, CHENNAI	Not Approved
		2	ALTOP INDUSTRIES, VADODARA	Not Approved
		3	PYROTECH ELECTRONICS PVT. LTD.	Approved
		4	GENERAL INSTRUMENTS CONSORTIUM, BOMBAY	Approved
		5	BELLS CONTROLS LIMITED	Approved
		6	WAREE INSTRUMENTS LIMITED,	Approved
		7	Tempens Instruments (I) Pvt. Ltd.	Not Approved
		8	Radix Electrosystems Pvt. Ltd.	Not Approved
		9	Radix Sensors Pvt. Ltd.	Not Approved
		10	Toshniwal Industries Pvt. Ltd.	Not Approved
		11	PROTOCONTROL INSTRUMENTS (I) PVT LTD	Not Approved
		12	PYRO ELECTRIC INSTRUMENTS GOA PVT LTD	Approved
		13	WIKI INSTRUMENTS INDIA PVT LTD.,	Approved
29	PRESSURE GUAGES	1	MANOMETER INDIA PVT LTD., THANE	Approved
		2	BELLS CONTROLS LIMITED	Approved
		3	KROHNE MARSHALL PVT LTD., PUNE	Not Approved
		4	A. N. INSTRUMENTS PRIVATE LIMITED	Approved
		5	GENERAL INSTRUMENT CONSORTIUM	Approved
		6	WAREE INSTRUMENTS LIMITED,	Approved
		7	Hirlekar Precision Engg. Pvt. Ltd.	Not Approved
		8	GOA INSTRUMENTS INDUSTRIES PVT LTD	Approved
		9	WIKI INSTRUMENTS INDIA PVT LTD.,	Not Approved
30	HOOTER / HORN	1	WAVES ELECTRONICS, COCHIN	Not Approved
		2	PROCON INSTRUMENTATION, CHENNAI	Approved
		3	KHERAJ ELECTRICALS INDIA PVT LTD, MUMBAI	Not Approved
		4	Industrial Controls & Drives (I) Pvt. Ltd.,	Approved

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9/4/15

31	SOLENOID VALVES	1	ASCO, Chennai	Approved
		2	Rotex Automation Limited	Approved
		3	Yokogawa India Limited,	Approved
		4	UV International, Madras	Not Approved
32	ACTUATORS/TRANSMITTERS /Level / Flow / Pressure Switches/ Level Gauge / Magnetic / Radar Level Gauge	1	ROTORK CONTROLS (I) LTD., CHENNAI	Approved
		2	TOSHBRO CONTROLS (P) LIMITED.,	Not Approved
		3	ENDRESS + HAUSER(INDIA) PVT LTD	Approved
		4	SAAB TANK CONTROLS INDIA PVT LTD	Not Approved
		5	SWITZER INSTRUMENTS LTD.	Approved
		6	S B E M PVT LTD.	Not Approved
		7	NIVO CONTROLS, INDORE	Not Approved
		8	D.K.INSTRUMENTS PVT LTD.,	Not Approved
		9	EMERSON PROCESS MANAGEMENT	Approved
		10	LEVCON CONTROLS PVT.LTD., KOLKATA	Approved
		11	HoneyWell Automation India Ltd.	Approved
		12	CHEMTROLS SAMIL INDIA PVT LTD	Approved
		13	VEGA INDIA LEVEL & PRESSURE MEASUREMENT PVT LTD	Not Approved
		14	Orbinox India Pvt Ltd	Not Approved
		15	Shanghai Sailtor Automation Instrument Co., Ltd (Indian Representative : M/s Powertherm Engg Pvt Ltd., Hyderabad)	Not Approved
		16	PROTOCONTROL INSTRUMENTS (I) PVT LTD	Not Approved
		17	SIEMENS India Ltd.	Approved
33	CABLE REELING DRUM	1	UL Electrodevices Pvt. Ltd.,	Not Approved
		2	Electro Zavod (India) Pvt Ltd.	Not Approved
34	Vibration Monitoring System	1	Forbes Marshall Pvt. Ltd.,	Approved
		2	Mechanalysis (I) Limited	Approved
		3	Rockwell Automation India Pvt.Ltd.	Approved
35	Level Switches	1	Omron Automation Pvt Ltd.	Approved
		2	SCH mersal India Pvt. Ltd.	Not Approved
		3	CHEMTROLS SAMIL INDIA PVT LTD	Approved
		4	KAUSTUBHA UDYOG	Not Approved
36	RECEPTACLES	1	BCH Electric Limited	Approved
		2	MEDITRON, RANCHI	Not Approved
		3	CYCLO ELECTRIC DEVICES & SERVICES CO.	Not Approved
		4	BEST & CROMPTON ENGG. LIMITED	Approved
		5	NAPTUNE INDIA LTD.	Not Approved
		6	CONTROLS & SWITCHGEAR COMPANY LIMITED	Approved
		7	CONTROL DEVICES	Approved
		8	Hensel Electric India Pvt. Ltd.	Not Approved
		9	SAKTHI ELECTRICALS	Not Approved

Signature
9/11/10

APPROVED Sub Vendor list for BOI-TBG			
Item Description	Vendor Details	Remarks	TSGENCO REMARKS
AC KIOSK	Isolloyd Engineering Technologies Limited Solan Himachal Pradesh		Approved
	Jindal Mectec Pvt. Ltd. Gurgaon Haryana		Approved
AIR CONDITIONING EQUIPMENT ✓	Blue Star Ltd Thane Maharashtra		Approved
	Carrier Aircon Ltd Gurgaon Haryana		Approved
	Voltas Ltd Mumbai Maharashtra	AC & Ventilation	Approved
ALUMINIUM TUBE	Hindalco Industries Ltd (Alupuram Extrusion) (Earlier INDALCO) Ernakulam Kerala	AI tubes	Approved
	Hindalco Industries Ltd Sonbhadra Uttar Pradesh		Approved
	Jindal Aluminium Ltd Bangalore Karnataka		Approved
BATTERY ✓	Amara Raja Power Systems Ltd. Tirupathi Andhra Pradesh		Approved
	Exide Industries Ltd NEW Delhi		Approved
	Hbl Power Systems Ltd Hyderabad Andhra Pradesh		Approved
	Hoppecke Batterien GMBH & CO KG		Approved
	Exide Plante		Approved
BATTERY CHARGER ✓	Amara Raja Power Systems Ltd. Tirupathi Andhra Pradesh		Approved
	Chhabhi Electricals Pvt Ltd Jalgaon Maharashtra [MSME]		Approved
	Hbl Power Systems Ltd Hyderabad Andhra Pradesh		Approved
	Statcon Power Controls Limited Hapur Uttar Pradesh (MSME)		Approved
CABLE GLANDS & ACCESSORIES	Central Hardware Industries Vadodara Gujarat		Approved
	Comet Brass Products Mumbai Maharastra		Approved
	EX-Protecta Anand Gujarat		Approved

	Philips		Approved
INSTRUMENTS	Pinkcity Electronics Pvt Ltd Jaipur Rajasthan		Credentials to be submitted
	Professional Marketing Services Bhopal Madhya Pradesh		Credentials to be submitted
	Scope T&M Pvt Ltd Pune Maharashtra		Credentials to be submitted
	Sivananda Electronics Nashik Maharashtra		Credentials to be submitted
	United Technology New Delhi Delhi		Credentials to be submitted
ISOLATOR	ABB Limited Vadodara Gujarat	upto 145kv	Approved
	Alstom T & D India Ltd. Chennai Tamil Nadu	400 kV Double Break and 765 kV Knee Type only	Approved
	GR Power Switchgear Ltd Hyderabad Andhra Pradesh [MSME]	upto 400kv	Credentials to be submitted
	Siemens Ltd Hyderabad Local Andhra Pradesh	upto 400KV	Approved
JUNCTION BOX	C & S ELECTRIC LIMITED New Delhi Delhi		Credentials to be submitted
	Pyrotech Electronics Pvt Ltd Udaipur Rajasthan		Credentials to be submitted
	Tenco Systems & Switchgears Pvt Ltd Indore Madhya Pradesh		Credentials to be submitted
LABEL PHASE COLOUR DISC	Excel Process (Bhopal) Private Ltd Bhopal Madhya Pradesh		Approved
	Metakrafts Delhi	Danger Labels & Phase colour discs	Approved
	Advance Steel Tubes Ltd Ghaziabad Uttar Pradesh		
	Associated Power Structures Pvt. Ltd. Vadodara Gujarat	upto 765 kV system	
	Good Luck Steel Tubes Ltd Bulandshahar Uttar Pradesh		

	Sadhana Engineering Corporation Thane Maharashtra	FRP TYPE CABLE TRAYS.	Approved
	Sintex Industries Ltd Kalol Gujarat		Approved
	Spectra Industries Ltd Thane Maharashtra	MS Angles only	Approved
	Steel Authority of India Limited Trichy Tamil Nadu		Approved
UPS	Autometers Alliance Limited Noida Uttar Pradesh	Online UPS from 1 kVA to 250 kVA (Single Phase - 230 V & Three Phase - 415 V)	Credentials to be submitted
LT POWER and CONTROL CABLE ✓	Cords Cable Industries Ltd Alwar Rajasthan	lt pvc(power and control)	Approved
	Delton Cables Ltd. Faridabad Haryana	SCREENED CABLE , HF CABLE	Approved
	Finecab Wires & Cables Pvt Ltd Medak Andhra Pradesh MSME	lt pvc(power and control)	Approved
	Gemscab Industries Limited Alwar Rajasthan	HT XLPE Power cable upto 33 kV	Approved
	Havells India Ltd Alwar Rajasthan	LT PVC XLPE (power and control) & HT XLPE Cables(upto 33kV)	Approved
	KEI Industries Ltd. Bhiwadi Rajasthan	(it ht pvc xlpe & ehv upto 132 kV) power and control	Approved
	Nicco Corporation Ltd 24 Pargana (N) West Bengal	LT HT PVC XLPE (POWER & CONTROL)	Approved
	Paramount Communications Ltd. Rewari Haryana	HT Power cable(up to 33kV)	Approved
	Polycab Wires Pvt Ltd Daman Daman & Diu	LT HT PVC XLPE (POWER & CONTROL)	Approved
	Universal Cables Ltd Satna Madhya Pradesh	LT HT EHV PVC XLPE (power & control)	Approved

ANNEXURE

KTPS-VII-Approved Additional Vendors List for BHEL PEM

Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15, Dt.29.06.2015

PACKAGE CATEGORY = Mech. System Engg				
S.N O	Package Name	S.N O	Vendor Name	TSGENCO REMARKS
1	DEBRIS FILTER	1	GEA BGR ENERGY SYSTEM INDIA LTD.	Approved
		2	Northern Heavy Industries Group Co. Ltd.,China	Not Approved
		3	QINGDAO HUATAI ELECTRIC EQUIPMENT CO. Ltd.	Not Approved
		4	TAPROGGE GMBH	Approved
PACKAGE CATEGORY = Mechanical Auxiliary				
2	WEIGH BRIDGE	1	IPA Private Ltd.,	Approved
		2	TECHNO SCALE INDUSTRIES,	Approved
		3	STATWEIGH INDIA (P) LTD.	Approved
3	OXYGEN DOSING SYSTEM	1	ENPRO INDUSTRIES PVT.LTD.	Approved
		2	MR SYSTEMS	Approved
		3	MPT GMBH	Approved
		4	POWER PIPING COMPANY	Approved
		5	PSI ENGINEERING SYSTEMS (P) LTD.	Approved
		6	Positive Metering Pumps (I) Pvt. Ltd.	Not Approved
		7	Rockwin Flowmeter India Pvt. Ltd.	Approved
		8	SWELORE ENGG. PVT. LTD	Not Approved
		9	TECHNO CONSULTANTS	Approved
		10	TECHNOSTRENGTH PVT. LTD.	Not Approved
		11	V.K PUMP INDUSTRIES PVT LTD	Approved
PACKAGE CATEGORY = Control & Instrumentation				
4	SIGHT FLOW INDICATORS	1	B.K.EQUIPMENTS PVT.LTD.	Approved
		2	BLISS ANAND PVT. LTD.	Approved
		3	FLOWTECH INSTRUMENTS SERVICES	Approved
		4	INSTRUMENTATION ENGINEERS PVT LTD	Approved
		5	SIGMA INSTRUMENTS COMPANY	Already Approved in PC Aux Boiler
		6	SCIENTIFIC DEVICES (BOMBAY) PVT LTD,	Not Approved
		7	TELACE EQUIPMENT PVT.LTD.	Approved

To be added

ANNEXURE

KTPS-VII - Approved Additional vendor list For BHEL-Hyderabad

Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15, Dt.29.06.2015

11	LUBE OIL PUMP ASSEMBLY(SCREW TYPE) [Pump along with Motor]	DELTA PD PUMPS PVT LTD, Mumbai	Approved
12	EOP Pump(Centrifugal type)	FLOWERVE SANMAR LTD.,Chennai	Approved
		KIRLOSKAR EBARA PUMPS LIMITED, Pune	Approved
		KSB PUMPS LIMITED, Pune	Approved
		SULZER PUMPS INDIA LTD., Chennai	Approved
13	SIMPLEX FILTER	EPE PROCESS FILTERS & ACCUMULATORS, Hyderabad	Approved
		HYDAC TECHNOLOGY GMBH, Germany	Approved
		BOLL & KIRCH FILTERBAU GMBH.,	Approved
		HYDAC (INDIA) PVT. LTD., Maharashtra	Approved
		PALL EUROPE LTD. Great Britain	Approved
		PALL INDIA PVT. LTD.,Mumbai	Not Approved
14	OPEN TYPE TRANSMITTER RACK	KRSNA INDUSTRIES, Hyderabad	Not Approved
		PANAM CONTROLS, Secunderabad	Approved
		NAGARJUNA FABRICATORS, Hyderabad	Approved
		GEM PRESSURE SYSTEMS (INDIA), Secunderabad	Approved
CONTROL & INSTRUMENTATION ITEMS			
1	PRESSURE GAUGES	FORBES MARSHALL (HYD) PVT LIMITED, Hyderabad	APPROVED
		BAUMER TECHNOLOGIES, Mumbai	APPROVED
		GAUGES BOURDON INDIA, Navi Mumbai	APPROVED
		A.N. INSTRUMENTS PVT. LTD.,Chennai	APPROVED
2	DIFFERENTIAL PRESSURE INDICATOR / GAUGES	BAUMER TECHNOLOGIES,Mumbai	APPROVED
		GAUGES BOURDON INDIA, Navi Mumbai	APPROVED
		SWITZER PROCESS INSTRUMENTS, Chennai	APPROVED
3	PRESSURE AND DIFFERENTIAL PRESSURE SWITCHES	GAUGES BOURDON INDIA, Navi Mumbai	APPROVED
4	PR. & DIFF. PR. TRANSMITTERS (ELECTRONIC - SMART)	EMERSON PROCESS MGT (I) PVT LTD, Secunderabad	APPROVED
		ABB LIMITED,Hyderabad	APPROVED
		FUJI ELECTRIC SYSTEMS CO. LTD., ANDHERI (EAST) MUMBAI	APPROVED
		YOKOGAWA INDIA LIMITED, Bangalore	APPROVED
5	HART COMMUNICATOR UNIVERSAL TYPE	EMERSON PROCESS MGT (I) PVT LTD Secunderabad	APPROVED
		ABB LIMITED, Hyderabad	APPROVED
		FUJI ELECTRIC SYSTEMS CO. LTD.,Tokyo	APPROVED
		YOKOGAWA INDIA LIMITED, Bangalore	APPROVED

[Signature]
Chief Engineer/TPC (I/C)

ANNEXURE

KTPS-VII - Approved Additional vendor list For BHEL-Hyderabad

Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15, Dt.29.06.2015

6	RESISTANCE TEMPERATURE DETECTORS (RTD & THERMOCOUPLES)	GOA INSTRUMENTS INDUSTRIES	NOT APPROVED
		PYRO ELECTRIC INSTRUMENTS GOA, MAPUSA	APPROVED
		TECHNO INSTRUMENTS, GANDHI NAGAR	NOT APPROVED
		BAUMER TECHNOLOGIES, ANDHERI EAST, MUMBAI	APPROVED
		THERMAL INSTRUMENT INDIA, DIST SINDHUDURG Maharashtra	NOT APPROVED
		TEMPSONS INSTRUMENTS (I) PVT.LTD., UDAIPUR	NOT APPROVED
7	THERMOMETERS (BIMETALLIC)	GOA INSTRUMENTS INDUSTRIES	APPROVED
		ASHCROFT INDIA PVT. LTD-Gujarat, GANDHINAGAR	APPROVED
		NUOVAFIMA SPA	NOT APPROVED
		H.GURU INSTRUMENTS(S.I)PVT.LTD, Bangalore	APPROVED
		BAUMER TECHNOLOGIES, VAPI	APPROVED
		GAUGES BOURDON INDIA, Navi Mumbai	APPROVED
8	THERMOMETERS (GAS FILLED)	ASHCROFT INDIA PVT. LTD.-Gujarat	APPROVED
		H.GURU INSTRUMENTS(S.I)PVT.LTD, Bangalore	APPROVED
		BAUMER TECHNOLOGIES, VAPI	APPROVED
		GAUGES BOURDON INDIA, Navi Mumbai	APPROVED
9	THERMOWELLS	CARLO DYNATECH INDUSTRIES, Patancheru	NOT APPROVED
		GOA INSTRUMENTS INDUSTRIES, Goa	APPROVED
		ASHCROFT INDIA PVT. LTD.-Gujarat	APPROVED
		MICRO PRECISION PRODUCTS (P) LTD., Haryana	NOT APPROVED
		H.GURU INSTRUMENTS(S.I)PVT.LTD, Bangalore	APPROVED
		PRECISION ENGINEERING INDS., Mumbai	APPROVED
		THERMAL INSTRUMENT INDIA, Maharashtra	NOT APPROVED
		TOSHNIWAL INDUSTRIES PVT. LTD., Ajmer	APPROVED
		INDUSTRIAL INSTRUMENTATION, Kolkata	APPROVED
10	TEMPERATURE TRANSMITTER	EMERSON PROCESS MGT (I) PVT LTD	APPROVED
		ABB LIMITED, HYD	APPROVED
		YOKOGAWA INDIA LIMITED, Bangalore	APPROVED
		MOORE CONTROLS PVT LTD.Pune	NOT APPROVED

[Signature]
Chief Engineer/TPC (I/C)

ANNEXURE

KTPS-VII - Approved Additional vendor list For BHEL-Hyderabad

Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15, Dt.29.06.2015

11	LIQUID LEVEL GAUGES	BLISS ANAND PVT. LTD.,Haryana	NOT APPROVED
		CESARE BONETTI S.P.A, Milano	APPROVED
		PRATOLINA INSTRUMENTS PVT.LTD., Mumbai	NOT APPROVED
		CHEMTROLS SAMIL (I) PVT. LTD.Mumbai	APPROVED
		NISAN SCIENTIFIC PROCESS, Mumbai	APPROVED
		GAUGES BOURDON INDIA, Mumbai	APPROVED
		ASIAN INDUSTRIAL VALVES AND, Chennai	NOT APPROVED
		LEVCON INSTRUMENTS(P) LTD, Kolkata	APPROVED
12	GUIDED WAVE RADAR LEVEL TRANSMITTER	MAGNETROL INTERNATIONAL N.V.	APPROVED
		ABB LIMITED, NASHIK	APPROVED
		PUNE TECHTROL PVT LTD, Pune	APPROVED
		SAAB ROSEMOUNT TANK GUAGING, Pune	APPROVED
13	LUBE OIL CONTROL VALVE (SELF REGULATING TYPE)	SAMSON AG MESS- UND REGELTECHNIK	APPROVED
		NUOVO PIGNONE SRL.BARI	APPROVED
		SAMSON CONTROLS PVT LTD.,PUNE	APPROVED
		EMERSON PROCESS MANAGEMENT, Chennai	APPROVED
14	CONTROL VALVES (PNEUMATIC ACTUATED)	INSTRUMENTATION LTD, Palakakd	APPROVED
		KOSO FLUID CONTROLS PVT. LTD.-Palakkad	APPROVED
		EMERSON PROCESS MANAGEMENT, Chennai	APPROVED
		SEVERN GLOCON INDIA, Chennai	APPROVED
15	AIR FILTER REGULATORS	VELJAN HYDRAIR PVT. LTD. Hyderabad	APPROVED
		ABB LIMITED, Hyderabad	APPROVED
		J R U CONTTROL PVT LTD., Chennai	NOT APPROVED
16	SAFETY RELIEF VALVES	BHEL-HPBP-TRICHY	APPROVED
17	DC STARTER CUBICLES	LARSEN & TOUBRO LIMITED, Hyderabad	APPROVED
		C AND S ELECTRIC LIMITED, New Delhi	Credentials shall be furnished.
		INDUSTRIAL CONTROLS &, Mumbai	Credentials shall be furnished.
18	FRP JUNCTION BOXES	BALIGA LIGHTING EQUIPMENT PVT. LTD., Chennai	APPROVED
		DEVI POLYMERS PVT. LTD., Chennai	APPROVED
		HENSEL ELECTRIC INDIA PVT. LTD., Chennai	APPROVED
PULVERIZERS			
1	KNIFE GATE VALVE & ACCESSORIES	ASHWATHI CONTROLS PVT. LTD. AHEMDABAD	Approved
		GENERAL ENGINEERING CONSORTIUM, BANGALORE	Approved
		M/s. Bray Controls India Private Limited- Chennai	Approved
		BACHMANN INDUSTRIES INDIA LTD.	Approved

[Signature]
29/6/15
Chief Engineer/TPC(II/C)

ANNEXURE

KTPS-VII (1x800 MW)- Approved Additional Vendor list for BHEL-TBG
 Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15, Dt.29.06.2015

S. No.	Material	BHEL PROPOSED SUPPLIER	TSGENCO REMARKS
1	400kV CURRENT TRANSFORMER	BHEL,BHOPAL	Approved
2	400kV CAPACITIVE VOLTAGE TRANSFORMER	BHEL,BHOPAL	Approved
3	SUBSTATION AUTOMATION SYSTEM	BHEL,BHOPAL	Approved
4	CONTROL & PROTECTION PANEL	BHEL,BHOPAL	Approved
5	DISC INSULATORS & HARDWARES	BHEL,EPD,BANGALORE	Approved
6	AIR CONDITIONING EQUIPMENT ✓	Acrovent Systems Pvt. Ltd. Kolkata West Bengal	Not Approved
		C.DOCTOR & COMPANY PVT LTD Kolkata West Bengal	Not Approved
		Comfort Systems New Delhi Delhi	Not Approved
		Fedders Lloyd Corporation Ltd Noida Uttar Pradesh	Approved
		Frick India Ltd Faridabad Haryana	Not Approved
		Sterling & Wilson Ltd. Kolkata West Bengal	Not Approved
7	ALUMINUM TUBE	Alom Extrusions Kolkata West Bengal	Not Approved
		M/s Alom Extrusions Ltd. Balasore Orissa	Not Approved
		Sudal Industries Ltd Nashik Maharashtra	Not Approved
8	Battery Charger ✓	CHLORIDE POWER SYSTEMS & SOLUTIONS LTD Kolkata West Bengal	Not Approved
		Danish Pvt. Ltd. Jaipur Rajasthan	Not Approved
		Dubas Engineering Pvt Ltd Bangalore Karnataka	Not Approved
		Servilink Engineers Pvt Ltd Vadodara Gujarat	Not Approved
		Signotron (India) Pvt. Ltd. Kolkata West Bengal	Not Approved
9	LT CABLE ✓ Power	Bruggs Kable Ag	Not Approved
		Cable Corporation of India Ltd. Nashik Maharashtra	Not Approved
		Chandresh Cables Ltd Gandhi Nagar Gujarat	Not Approved
		Diamond Power Infrastructure Limited Vadodara Gujarat	Not Approved
		Gem Cables & Conductors Ltd Medak Andhra Pradesh	Approved
		Gemscab Industries Ltd Alwar Rajasthan	Approved
		Goyolene Fibers (India) Pvt Ltd Mumbai Daman & Diu	Not Approved
		Gupta Power Infrastructure Limited Kashipur Uttarakhandl	Not Approved

ANNEXURE

KTPS-VII (1x800 MW)- Approved Additional Vendor list for BHEL-TBG
 Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15, Dt.29.06.2015

S. No.	Material	BHEL PROPOSED SUPPLIER	TSGENCO REMARKS
18	ILLUMINATION EQUIPMENT <i>Station Light System</i>	Avaid's Technovators Pvt Ltd New Delhi	Approved
		Mika Engineers Thane Maharashtra	Approved
		Square A Enterprises Secunderabad Andhra Pradesh	Not Approved
19	400kV ISOLATOR	Bimco Isolators Ltd Medak Andhra Pradesh	Not Approved
		Digivision Electronics Ltd. Chennai Tamil Nadu	Not Approved
		M/s Elektrolites (Power) Pvt. Ltd. Jaipur Rajasthan	Not Approved
		GR Power Switchgear Ltd Hyderabad Telangana	Approved
		Switchgears & Structurals (India) Pvt Ltd Hyderabad Telangana	Approved
20	MARSHALLING KIOSK/JUNCTION BOX	Anand Power Ltd Noida Uttar Pradesh	Not Approved
		BCH Electric Limited Faridabad Haryana	Not Approved
		Bose Engineering (India) Pvt. Ltd. Kolkata West Bengal	Not Approved
		Danish Pvt. Ltd. Jaipur Rajasthan	Not Approved
		Enterprising Engineers Bhopal Madhya Pradesh	Not Approved
		Industries Syndicate Kolkata West Bengal	Not Approved
		Jakson Engineers Limited Noida Uttar Pradesh	Approved
		Jasper Engineers Pvt. Ltd. Noida Uttar Pradesh	Approved
		Kmg Atoz Systems Pvt Ltd Noida Uttar Pradesh	Not Approved
		Maktel Control & Systems Pvt. Ltd. Vadodara Gujarat	Not Approved
		Mika Engineers Thane Maharashtra	Not Approved
		Nitya Electrocontrols Pvt. Ltd. Noida Uttar Pradesh	Approved
		Popular Switchgears Pvt Ltd Nashik Maharashtra	Not Approved
		RSI Switchgear Private Limited Bhiwadi Rajasthan	Not Approved
		RST Electricals Pvt. Ltd. Sahibabad Uttar Pradesh	Not Approved
		Samcon Industrial Controls Pvt. Ltd. Thane Maharashtra	Not Approved
		Spaceage Switchgears Ltd Gurgaon Haryana	Not Approved
		Ultima Switchgears Limited Roorkee Uttarakhandl	Not Approved
		Unilec Engineers Ltd Gurgaon Haryana	Not Approved
		Vikas Power Equipments Pvt. Ltd. Lucknow Uttar Pradesh	Not Approved
		Vimac Electro Controls Pvt Ltd Mumbai Maharashtra	Not Approved

65

ANNEXURE
KTPS -VII - Approved Additional Vendors List for BHEL Trichy
Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15, Dt.29.06.2015

SI No	Material Description	SI No	Vendor Name	COUNTRY	TSGENCO Remarks
7	FLAME SCANNER HEAD ASSEMBLY	1	ALLZIFLEX ENGINEERS	India	Approved
		2	ESSEN INSTRUMENTATION &	India	Approved
		3	NIRMAL ENGINEERING WORKS	India	Approved
		4	PRAMMEN INDUSTRIES,	India	Approved
		5	VERATRONIKS		Not Approved
		6	TSRM QUALITY ENGINEERING INDUSTRIES	India	Approved
8	FLAME SCAN. HEAD ELECT	1	ADVANCED ELECTRONIC SYSTEMS	India	Approved
		2	EM ELECTRONIX P.LTD.	India	Approved
		3	SYSTEM AIDS	India	Approved
		4	VASANTHA ADVANCED SYSTEMS	India	Approved
		5	VERATRONIKS	India	Not Approved
9	STARTER/CNTRL BOXES:	1	BALAJI ELECTRO CONTROLS PVT.LTD.,	India	Not Approved
		2	H GURU INSTRUMENTS (SI) P.LTD.		Credentials shall be submitted
		3	CHEMIN CONTROLS AND	India	Credentials shall be submitted
		4	DYNASPEDE INTEGRATED SYSTEMS	India	Credentials shall be submitted
		5	PRAMMEN INDUSTRIES,	India	Credentials shall be submitted
		6	SAJAS ELECTRICALS,	India	Credentials shall be submitted
		7	SHIBSHA INSTRUMENTS(INDIA)P.LTD.,	India	Credentials shall be submitted
		8	VENKAT ELECTRONICS,	India	Credentials shall be submitted
		9	VRL AUTOMATION ENGINEERING & PROJEC	India	Credentials shall be submitted
10	PANELS:MCC/PCC	1	ELECTRO PORCELAIN DIVN.	India	Approved
		2	INDUSTRIAL SWITCHGEAR & CONTROLS	India	Not Approved
		3	UNILEC ENGINEERS LIMITED,	India	Not Approved
11	CCTV SYSTEM	1	DIAMOND POWER SWEDEN AB,	Sweden	Approved
		2	MIRION TECHNOLOGIES (IST) LTD.,	United Kingdom	Approved
		3	TLT ENGG.INDIA PVT.LTD.,	India	Approved
		4	TOSHNIWAL INDUSTRIES PVT.LTD.,	India	Approved
12	GFC MODULES	1	ANJANA ELECTRONICS PVT LTD.,	India	Not Approved
		2	EM ELECTRONIX P.LTD.	India	Not Approved
		3	VASANTHA ADVANCED SYSTEMS	India	Not Approved
		4	VERATRONIKS	India	Not Approved
13	FLAME SCANNER MODULE	1	EM ELECTRONIX P.LTD.	India	Not Approved
		2	VERATRONIKS	India	Not Approved
14	SDE:SWITCH:ERV PR.SW	1	BARKSDALE GMBH	Germany	Approved
15	FLOW NOZZLES	1	ENGINEERING SPECIALITIES PVT LTD.,	India	Not Approved
16	GAUGES:DP GAUGES	1	A.N.INSTRUMENTS PVT. LIMITED,	India	Approved
		2	GENERAL INSTRUMENTS CONSORTIUM	India	Approved
		3	H GURU INSTRUMENTS(SI) P.LTD.,	India	Approved
		4	SWITZER INSTRUMENT LTD.,	India	Approved
		5	WIKA INSTRUMENTS INDIA PVT.LTD	India	Approved
17	GAUGES:PRESSURE GAUGE	1	BAUMER TECHNOLOGIES INDIA PVT.LTD,	India	Approved
		2	BUDENBERG GAUGE CO LTD.,	United Kingdom	Approved
		3	GENERAL INSTRUMENTS CONSORTIUM	India	Approved
		4	MANOMETER (INDIA) PVT.LTD.,	India	Not Approved
		5	WIKA INSTRUMENTS INDIA PVT.LTD	India	Approved
18	GAUGES:TEMPERATURE GAUGE	1	BAUMER TECHNOLOGIES INDIA PVT.LTD,	India	Approved
		2	GOA INSTRUMENT INDUSTRIES PVT LTD.	India	Approved
		3	H GURU INSTRUMENTS(SI) P.LTD.,	India	Approved
19	LOCAL INSTRUMENT ENC	1	SAJAS ELECTRICALS,	India	Not Approved
20	ELEVATOR-PASSENGER & LOAD	1	KONE ELEVATOR INDIA PVT.LTD.,	India	Approved
		2	OTIS ELEVATOR CO INDIA LTD.,	India	Approved
21	LOCAL INSTRUMENT RAC	1	SAJAS ELECTRICALS,	India	Not Approved
		2	SYSPRO AUTOMATION	India	Not Approved

ANNEXURE
KTPS -VII - Approved Additional Vendors List for BHEL Trichy
Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15, Dt.29.06.2015

SI No	Material Description	SI No	Vendor Name	COUNTRY	TSGENCO Remarks
22	SDE:MTM.THERMOCOUPLE	1	ALTOP INDUSTRIES LTD.,	India	Approved
		2	DETRIV INSTRUMENTATION &	India	Approved
		3	EXOTHERM INSTRUMENTS,	India	Not Approved
		4	GENERAL INSTRUMENTS CONSORTIUM,	India	Approved
		5	PYRO ELECTRIC CABLES AND	India	Approved
		6	TECHNO INSTRUMENTS,	India	Approved
		7	TEMPSENS INSTRUMENTS (I) PVT.LTD.,	India	Approved
23	ASH LEVEL SWITCH	1	EIP BULK CONTROLS PVT.LTD	India	Approved
		2	EIP ENVIRO LEVEL CONTROLS,	India	Approved
		3	NIVO CONTROLS,	India	Approved
24	SWITCHES:SB FLOW	1	JOST'S ENGINEERING COMPANY LTD	India	Approved
		2	SUNAG CORPORATION,	USA	Approved
25	XLPE LT POWER CABLE	1	ASSOCIATED CABLES PVT LTD	India	Not Approved
		2	BICC CABLES LIMITED	United Kingdom	Not Approved
		3	BRIMSON CABLES PVT.LTD.,	India	Not Approved
		4	ELKAY TELELINKS LIMITED,	India	Not Approved
		5	GEMSCAB INDUSTRIES LTD.,	India	Approved
		6	GOVIND CABLE INDUSTRIES,	India	Not Approved
		7	GUPTA POWER INFRASTRUCTURE LTD	India	Not Approved
		8	KEC INTERNATIONAL LIMITED,	India	Not Approved
		9	MANOJ CABLES LIMITED.	India	Not Approved
		10	MANSFIELD CABLE COMPANY LTD.	India	Not Approved
		11	PARAMOUNT COMMUNICATION LTD,	India	Approved
		12	PRESTIGE CABLE INDUSTRIES	India	Not Approved
		13	SARK CABLES PVT.LTD.,	India	Not Approved
		14	SCOT INNOVATION WIRES & CABLES	India	Not Approved
		15	SERVEL UDYOG (P) LTD.,	India	Not Approved
		16	SPECIAL CABLES PVT LTD	India	Not Approved
		17	THERMOCABLES LIMITED,	India	Approved
		18	UNIFLEX CABLES LIMITED,	India	Not Approved
26	MOTORS:L.T.MOTORS:WP	1	KIRLOSKAR ELECTRIC CO.LTD.	India	Approved
		2	LAXMI HYDRAULICS PVT.LTD.,	India	Approved
		3	MARATHON ELECTRIC MOTORS (INDIA) LT	India	Not Approved
		4	PRECISION ENGINEERING WORKS,	India	Not Approved
27	SDE:PR&DP SWITCHES	1	INDFOS INDUSTRIES PVT.LTD.	India	Approved
		2	REGULATEURS GEORGIN	France	Not Approved
		3	SHERMAN SALES & SERVICES P. LTD.,	India	Approved
		4	SOR EUROPE LIMITED,	United Kingdom	Not Approved
		5	SOR INC	USA	Not Approved
		6	TRAFAG CONTROLS INDIA P. LTD		Not Approved
28	CONTROL VALVE :HP	1	CONTROL COMPONENT INDIA PVT LTD	India	Not Approved
		2	CONTROL COMPONENTS Inc. AG	Switzerland	Not Approved
		3	FLOWSERVE INDIA CONTROLS PVT.LTD	India	Approved
		4	SPX FLOW TECHNOLOGY(INDIA)PVT.LTD.,	India	Not Approved
		5	SPX FLOW TECHNOLOGY.	USA	Not Approved
29	HIGH PR. STARTUP SCV	1	CONTROL COMPONENT INDIA PVT LTD	India	Not Approved
		2	CONTROL COMPONENTS Inc. AG	Switzerland	Approved
		3	KOSO INDIA PRIVATE LIMITED.	India	Not Approved
30	INSLN:WOOLMATTRESS	1	GOENKA ROCKWOOL (INDIA) PVT LTD.,	India	Approved
		2	LAPINIS ROCKWOOL (I) P. LTD		Not Approved
		3	JAMSHEDPUR MINERAL WOOL MFG.CO.,	India	Approved
		4	MINWOOL ROCK FIBRES LTD	India	Approved
		5	POLYBOND INSULATION PVT.LTD.,	India	Approved
		6	PUNJSTAR INSULATION FIBRE	India	Approved
		7	SHREERAM EQUITECH PVT. LTD.,	India	Approved
		8	THERMOCARE ROCKWOOL (I) PVT. LTD.	India	Approved

ANNEXURE

KTPS - VII - Additional Vendors List for BHEL Trichy Valves
Lr.No.CEE/111/KTPS-VII(1X800MW)/Vendors/D.No.139/15, Dt.29.06.2015

SI No	Material Description	SI No	Vendor Name	Remarks
1	EXTRACTION LINE NRVs (QVNRV/CRHNRV)			
a.	SOLENOID VALVE	1	U.V.INTERNATIONAL, CHENNAI	Not Approved
b.	LIMIT SWITCH	1	JAI BALAJI CONTROL GEARS PVT.	Not Approved
		2	CONTROL AND AUTOMATION SYSTEMS	Approved
		3	IFM ELECTRONICS INDIA PVT LTD	Approved
		4	APA AUTOMATION	Approved
c.	OIL/AIR CYLINDER	1	IYAPPAN ENGG INDUSTRIES PVT, LTD.	Not Approved
		2	FLOWSERVE INDIA CONTROLS	Approved
		3	Bray Controls India Private Limited	Not Approved
		4	DIVYA ENCO.	Approved
d.	POSITION TRANSMITTER	1	RL TECHNOLOGIES PVT. LTD.	Approved
		2	IYAPPAN ENGG INDUSTRIES PVT, LTD.	Not Approved
		3	MASS ELECTRONIC SYSTEM	Approved
		4	RMG ELECTROMECH PVT.LTD.	Approved
e.	AIR FILTER	1	VELJAN HYDRAIR LIMITED	Approved
		2	NUCON INDUSTRIES PVT.LTD.	Approved
		3	SAGA INDUSTRIES	NOT Approved

[Signature]
 Chief Engineer/TPC (I/C)

56

ANNEXURE

KTPS-VII(1x800MW) - Approved Additional Vendor List for BHEL Bhopal Lr.No.CEE/111/KTPS-VII(1x800MW)/Vendors/D.No.139/15, Dt.29.06.2015

S.NO	ITEM	S.NO	BHEL PROPOSED VENDOR	TSGENCO REMARKS
4	FLAME ARRESTORS	1	PROCESS INSTRUMENTS, DELHI	APPROVED
		2	ASIAN INDUSTRIAL VALVES, CHENNAI	APPROVED
		3	MULTITEX FILTERS PVT LTD, NEW DELHI	NOT APPROVED
5	ACTUATORS	1	ROTORK CONTROL INDIA LTD, CHENNAI	Already Approved in old vendor list (For Trichy & For BHEL-ISG)
		2	AUMA INDIA, BANGALORE	Already Approved in old vendor list (For Trichy & For BHEL-ISG)
6	SELF LUBRICATING BEARING TUBES (FOR BF VALVES)	1	TEN MAT LTD(FERO FROM T-814 TUBES), U.K	APPROVED
		2	THORDON (THORPLAS TUBES), CANADA	APPROVED
7	TEMPERATURE GAUGES / DIAL THERMOMETERS WITH THERMOWELL	1	B. C TECHNOMATION PVT LTD, BHOPAL	NOT APPROVED
		2	NEW SCIENTIFIC REPAIRS TRADING CO., KOLKATA	APPROVED
		3	PRESSURE & TEMP. CONTROLS, KOLKATA	APPROVED
		4	A. N INSTRUMENTS PVT LTD, KOLKATA	APPROVED
		5	PROFESSIONAL MARKETING SERVICE, BHOPAL	NOT APPROVED
		6	GENERAL INSTRUMENTS CONSORTIUM, MUMBAI	APPROVED
		7	SATURN ENGG. SERVICES, INDORE	NOT APPROVED
		8	BAUMER TECHNOLOGIES INDIA PVT LTD, MUMBAI	APPROVED
		9	LORDS ELECTIC CO., BHOPAL	NOT APPROVED
		10	DETRIV INSTRUMENTATION & ELECTRONIC LTD, MUMBAI	APPROVED
8	LIQUID LEVEL GAUGES	1	LEVCON INSTRUMENTS PVT LTD, KOLKATA	APPROVED
		2	V. AUTOMAT & INSTRUMENTS PVT LTD INDIA, NEW DELHI	APPROVED
		3	GENERAL INSTRUMENTS CONSORTIUM, MUMBAI	APPROVED
		4	ASIAN INDUSTRIAL VALVES, CHENNAI	NOT APPROVED
		5	PROFESSIONAL MARKETING SERVICE, BHOPAL	NOT APPROVED
9	VALVES (GATE, GLOBE, NEEDLE, ETC.)	1	LEADER VALVES LTD, JALANDHAR	APPROVED
		2	KRISHNA ENGG. CO., BHOPAL	NOT APPROVED
		3	BHEL, TIRUCHIRAPALLI	APPROVED
		4	NITON VALVES INDUSTRIES PVT LTD, MUMBAI	NOT APPROVED
		5	PROFESSIONAL MARKETING SERVICE, BHOPAL	NOT APPROVED
		6	LEVCON VALVES PVT LTD, KOLKATA	APPROVED
		7	FLOTEK INDUSTRIES	NOT APPROVED
		8	STEELSTRONG VALVES(I) PVT.LTD.	NOT APPROVED
		9	PANDA TECHNOLOGIES INDIA PVT LTD, BHOPAL	APPROVED
		10	WEIR BDK VALVES, A UNIT OF WEIR ENGG. SERVICES INDIA PVT LTD, HUBLI	APPROVED

55

APPROVED VENDOR LIST BY TSGENCO**BHOPAL (MM DEPARTMENT)**

SI No	ITEM	Approved sub-supplier	TSGENCO REMARKS
1	PRESSURE GUAGE	MANOMETER (INDIA)PVT LTD	Approved
2	TEMPERATURE SCANNERS	Chino Corporation India Pvt Ltd	Approved
		Eurotherm Del India Ltd	Approved
		Masibus Automation & Instruments (P) Ltd	Approved
3	RECORDERS	Chino Corporation India Pvt Ltd	Approved
		Eurotherm Del India Ltd	Approved
		YOKOGAWA INDIA LIMITED	Approved
4	THERMOSTAT	1.TOSHINIWAL BROS.(PVT) LTD	Approved
		2.TOSHINIWAL INDUSTRIES (P) LTD	Approved
5	TRANSDUCERS	AUTOMATIC ELECTRIC LTD	Approved
		PYROTECH ELECTRONICS PVT LTD	Approved
6	BATTERY CHARGER/POWER PACK	Exide Industries Ltd New Delhi Delhi	Approved
		Exide plante	Approved
7	OUTDOOR PT/CT (HT)	1.ELECTRICAL CONTROLS & SYSTEMS	Approved
		2.PARAS POWER ENGG PVT LTD	Approved
		3.PRAGATI ELECTRICALS PVT.LTD	Approved
		4.SILKAANS ELECT.MFG.CO.PVT.LTD	Approved
8	(INDOOR) CT/PT,CBCT,AUX.CT/PT(ICT)	1.ELECTRICAL CONTROLS & SYSTEMS	Approved
		2.PARAS POWER ENGG PVT LTD	Approved
		3.PRAGATI ELECTRICALS PVT.LTD	Approved
		4.SILKAANS ELECT.MFG.CO.PVT.LTD	Approved
9	WITHDRAWABLE PT(HT)/BVM DESIGN	1. ELECTRICAL CONTROLS &SYSTEMS	Approved
		2. PRAGATHI ELECTRICALS PVT.LTD	Approved
10	LAMP/CFL/LAMP/HOLDER(PHILIPS/BAJAJ/CROMPTON/HAVELL/WIPRO	1. AUTOMATION AND GENERAL ELECTRIC CO.	Approved
		2. NAHAR ENTERPRISES	Approved
		3. OSHIV ENGINEERS	Approved
		4. VIKAS AGENCIES	Approved
11	SPACE HEATER	1. APT CONTROLS AND APPLIANCES PVT.	Approved
		2. PRAVEEN ELECTRONICS	Approved
		3. RASHEE CONTROL EQUIPMENTS PVT LTD	Approved
12	MOTOR	1. AGNI MOTORS	Approved
		2. KULKARNI POWER TOOLS LTD.	Approved
13	LIMIT SWITCH (MOTOR CUT OFF)	1. ARIHANT ELECTRICALS	Approved
		2. MEYER INDUSTRIE- ELECTRONIC GMBH	Approved
		3.SIEMENS AG	Approved
14	AUX. SWITCHES (GIS & MVN)	1. I-MAX	Approved
15	CONTROL/SELECTOR SWITCHES (FOR INDOOR SWGR APPLICATION FOR POWER PLANTS)	1. ELECTRONIC APPLIANCES	Approved
		2. KAYCEE INDUSTRIES LTD.	Approved
		3. LARSEN & TOUBRO LTD.	Approved
		4. OSHIV ENGINEERS.	Approved

5	81JUB	JUNCTION BOXES	CHEMIN CONTROLS AND	PONDICHERY	Approved
			CREATIVE INSTRUMENTS & CONTROLS	BANGALORE	Approved
			INFO CONTROL SYSTEMS INC.,	BANGALORE	Approved
			MANISHA COMPOSITEKS PVT LTD	PUNE.	Approved
			PRAMMEN INDUSTRIES,	PUDUKOTTAI	Approved
			SAJAS ELECTRICALS,	TRICHY	Approved
			SHIBSHA INSTRUMENTS(INDIA)P.LTD.,	CHENNAI	Approved
6	81LLG	LEVEL GAUGES	SUCHITRA INDUSTRIES	BANGALORE	Approved
			CHEMTROLS SAMIL (INDIA) P.LTD.	MUMBAI	Approved
					Approved
			D.K.INSTRUMENTS PVT. LTD.	KOLKATA	Approved
			GENERAL INSTRUMENTS CONSORTIUM,	CHENNAI	Approved
7	81LLS	LEVEL SWITCHES	LEVCON INSTRUMENTS PVT.LIMITED	KOLKATTA	Approved
			AUTOMAT & INSTRUMENTS P.LTD.	NEW DELHI	Approved
					Approved
			CHEMTROLS SAMIL (INDIA) P.LTD.	MUMBAI	Approved
					Approved
8	81LRB	INSLN:WOOLMATTRE SS/R	D.K.INSTRUMENTS PVT. LTD.	KOLKATA	Approved
			GENERAL INSTRUMENTS CONSORTIUM,	CHENNAI	Approved
			LEVCON INSTRUMENTS PVT.LIMITED	KOLKATTA	Approved
			SBEM PVT LTD	PUNE	Approved
			SIGMA INSTRUMENTS COMPANY	MUMBAI	Approved
9	81PRG	PRESSURE GAUGES	V.AUTOMAT & INSTRUMENTS P.LTD.	NEW DELHI	Approved
			LLOYD ROCKFIBRES LTD,	WALUJ	Approved
			MINWOOL ROCK FIBRES LTD	HYDERABAD	Approved
					Approved
			ROCKWOOL (INDIA) LTD.,	HYDERABAD	Approved
			A.N.INSTRUMENTS PVT. LIMITED,	KOLKATA	Approved
			ASHCROFT INDIA PVT. LTD,	GUJARAT	Approved
					Approved
			BUDENBERG GAUGE CO LTD.,	United Kingdom	Approved
			FORBES MARSHALL PRIVATE LIMITED	PUNE. MAHARAstra	Approved
10	81PRS	PRESSURE SWITCHES	GENERAL INSTRUMENTS CONSORTIUM,	CHENNAI	Approved
			GOA THERMOSTATIC INSTRUMENTS PVT. L	GOA	Approved
			H GURU INSTRUMENTS(SI) P.LTD.,	BANGALORE	Approved
					Approved
			MANOMETER (INDIA) PVT.LTD.,	CHENNAI	Approved
			WIKI ALEXANDER WIEGAND GMBH & CO.	GERMANY.	Approved
			WIKI INSTRUMENTS INDIA PVT.LTD	PUNE	Approved
					Approved
			ASHCROFT INDIA PVT. LTD,	GUJARAT	Approved
			DELTA CONTROLS LIMITED	United Kingdom	Approved
			GENERAL INSTRUMENTS CONSORTIUM,	CHENNAI	Approved
					Approved
			INDFOS INDUSTRIES PVT.LTD.	CHENNAI.	Approved
			KDG INSTRUMENTS LTD.	United Kingdom	Approved

Signature
9/4/15