

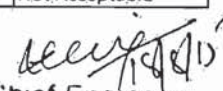
ANNEXURE -II

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 Management	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 Process 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
		CHEMTROLS INDUSTRIES LIMITED POWAI, MUMBAI	Approved
8	Dust Density (Opacity) Monitor (panel)	MARVEL ENGG COMPANY CHENNAI	Approved
		FORBES MARSHALL CODEL PVT. LTD. PIMPRI, PUNE	Approved
		DURAG INDIA INSTRUMENTATION PRIVATE	Approved
		MET LOK HYDRO PNEUMATICS PVT LTD, GUJARAT	Approved
9	Erection Material	PMT ENGINEERS, AHMEDABAD	Approved
		BHUWALKA PIPES LIMITED	Approved
10	GI Pipes	BHUWALKA PIPES LIMITED	Approved

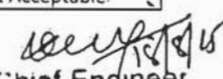
[Signature]
Chief Engineer

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

S.No	Item Description	Vendors	Remarks
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
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
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
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


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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

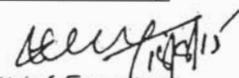

 Chief Engineer
 Thermal Projects Construction
 TSGENCO, Vidyut Soudha,
 Khairatabad, Hyderabad-82

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
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			
47	INDICATING LAMPS / PUSH BUTTONS	TEKNIC	Approved
		SIEMENS	Approved
		ABB(I) LTD.	Approved
		GE POWER CONTROLS	Approved

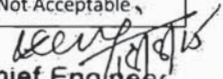
[Signature]
Chief Engineer

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

S.No	Item Description	Vendors	Remarks
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
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	ADERT, 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]
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,
Khalratabad,
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-पीएम
पीपीआई 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

भारतहवीइलेक्ट्रिकल्सलिमिटेड
(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 Engineer (PG-II-2), Dy. Manager (PG-II-2)
Bharat Heavy Electricals Ltd.
भारत हवी इलेक्ट्रिकल्स लिमिटेड, प्रबंधन
पावर सेक्टर-परियोजना इंजीनियरिंग
Power Sector-Project Engineering Management
प्लॉट नं.-25, सेक्टर-16ए, नोएडा-201301
(NAINA SINGH, DY. MGR./PG-II-2., BHEL-PEM, Noida)



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

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

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 KOTHAGUDEM 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,	

PACKAGE CATEGORY = CIVIL

S.NO	Package Name	S.NO	Vendor Name	TSGENCO REMARKS

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

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SI No	Package Name	Vendor Code	Vendor Name	Remarks
1				
2				
3				
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

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SI No	Package Name	Vendor Code	Vendor Name	Remarks
		S201	SHENJIANG VALVE CO. LTD.	
		V051	Valvitalia S.P.A. ,	
5	FLOW ELEMENT-ORIFICE	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	

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

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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	

12	ROTAMETER	E047	EUREKA INDUSTRIAL EQUIPMENTS PVT.LTD.	
		F033	Flow Star Engineering Pvt. Ltd.,	
		F039	FLOWTECH INSTRUMENTS SERVICRS	
		I030	INSTRUMENTATION ENGINEERS PVT LTD	
		S158	SCIENTIFIC DEVICES (BOMBAY) PVT LTD,	

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

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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,	

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

SI No	Package Name	Vendor Code	Vendor Name	Remarks
		W010	WMI KONECRANES INDIA 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.

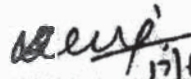
2. M/s BHEL Lr.No.PS-PEM/PG-II/TSGENCO/KOTH/007, dt.08.05.15.

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.

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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	80LV	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
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	KOLKATA	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	KOLKATA	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

9/4/05

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
		M/s CHHABI ELECTRICALS, JALGAON.	Approved
5	Digital Indicator	M/s CHINO CORPORATION(I), MUMBAI	Approved
		M/s PYROTECH, UDAIPUR	Approved
		M/s YOKOGAWA, BANGALORE	Approved
		M/s MASIBUS, GANDHINAGAR.	Approved
6	Junction Box (FRP)	M/s SHRENIK & COMPANY, AHMEDABAD	Approved
		M/s FICOM ENGG. PVT. LTD, BANGALORE	Approved
		M/s K.S. INSTRUMENTS, BANGALORE.	Approved
		M/s MANISHA ENTERPRISES, PUNE	Approved
		M/s SUCHITRA INDUSTRIES, BANGALORE.	Approved
7	Junction Box (Metal)	M/s PYROTECH, UDAIPUR	Approved
		M/s CHEMIN CONTROLS, PONIDCHERRY	Approved
		M/s MANISHA ENTERPRISES, PUNE	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
17	DIN-rail mounted Temperature Transmitter	M/s EMERSON PROCESS, USA / NAVI MUMBAI (formerly FISHER ROSEMOUNT- USA)	Approved
		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 & Compensating / 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
26	LT Power Cables (PVC/XLPE Insulation)	M/s THERMO CABLES, HYDERABAD	Approved
		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
27	Maintenance & Calibration Equipments	M/s UNIVERAL CABLES,SATNA	Approved
28	Portable Vibration Analyser/Dynamic Analyser	M/s GE INDIA INDUSTRIAL PVT.LTD,BANGALORE	Approved
		M/s ROCK WELL AUTOMATION INDIA LTD	Approved
		M/s BENTLY NEVADA INC	Approved
		M/s SHINKAWA ELECTRIC CO., LTD	Approved
29	Pressure and Differential Pressure Gauges	M/s IRD MECHANALYSIS LIMITED	Approved
		M/s A.N.INSTRUMENTS PVT LTD CHENNAI	Approved
		M/s GOA STATIC INSTRUMENTS GOA	Approved
30	Maintenance and Calibration Equipment (Lab Items) Mechanical	M/s H.GURU INSTRUMENTS(SOUTH INDIA)PVT. BANGALORE	Approved
		M/s TTL TECHNOLOGIES PVT. LTD. ANDHERI(EAST), MUMBAI	Approved
		M/s NAGMAN INSTMTS. & ELECTRONICS (P) L CHENNAI	Approved
31	Level Switch Capacitance Type	M/s GE INDIA INDUSTRIAL PVT. LTD. BANGALORE	Approved
32	Level Switch Conductivity Type (Probes & Electronics)	M/s SBEM PRIVATE LIMITED PUNE	Approved
33	Level Switch Conductivity Type (Stand Pipe, Valves etc)	M/s LEVELSTATE SYSTEMS LTD , SOLARTRON TRANSDUCER U.K	Approved
		M/s HI-TECH SYSTEMS & SERVICES LTD CALCUTTA	Approved
34	Level Switch Float Type	M/s RAMAN INSTRUMENTS PVT. LTD. 29TH ROAD,BANDRA(WEST),MUMBAI,	Approved
		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
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

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
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
		RELIANCE HARDWARE MART BANGALORE	Approved
		STEEL AUTHORITY OF INDIA LTD BANGALORE	Approved
59	E/P Convertor Fail Freeze Type	IMI NORGREIN HERION PRIVATE LIMITED	Approved
		WATSON SMITH LTD ENGLAND	Approved
60	Instrument Valve	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
		AURA INC. PHASE - 2, NEW DELHI	Approved
61	LIE/LIR	PYROTECH ELECTRONICS (P) LTD UDAIPUR	Approved
		CHEMIN CONTROLS AND INSTRUMENTATION PONDICHERRY,	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
		PRAVIRI 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
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
24	TERMINAL CONNECTOR	Best & Crompton	Chennai	Approved
		Klemmen Engg	Chennai	Approved
		Nutan Engineers	Baroda	Approved
		Pee Vee Engg	Bangalore	Approved
		Vinayak Transmission	Mumbai	Approved
26	OIL/WATER FLOW INDICATOR	Atvus Industries	Kolkata	Approved
		Sukrut Udyog	Pune	Approved
27	PRESSURE RELIEF VALVE	Atvus Industries	Kolkatta	Approved
		Qualitrol	USA	Approved
		Rajshree	Jhansi	Approved
		Sukrut Udyog	Pune	Approved
29	PRESSURE GAUGE	ANI	Kolkata	Approved
		Bells Control	Kolkata	Approved
		Manometer	Mumbai	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

Sl 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