

List of items where Suppliers are required on urgent basis for PE&SD, RCPuram, Hyderabad

Identification of a Potential Vendor:

BHEL-PE&SD, Ramachandrapuram, Hyderabad procures Materials and Components on a regular basis from Suppliers spread all over the world. For this purpose, BHEL is backed by a strong supplier-base which is continually updated.

To have a broad vendor base of technically competent, reliable and quality conscious, financially sound vendors on the approved list for issue of enquiries for various systems / equipments/ products, we are interested to identify potential vendors to consider them for registration as an approved vendor for a specific system/ equipments/ products.

BHEL PE&SD has a systematic approach for identification of potential vendor and evaluation of the vendor based on organization soundness, quality adequacy system and technical competence as a self-assessment system by the vendor itself to ensure their eligibility for enlistment before applying for registration.

Sl. No.	Material Category No.	Material Category Description (Product Material Directory)	Approximate annual procurement value in lakhs	Remarks	Unit
1	PE.MP.559	DELUGE VALVES FOR FIRE PROTECTION SYSTEMS	1		PE&SD
2	PE.MP.562	ALARM VALVE FOR FIRE PROTECTION SYSTEMS	New		PE&SD
3	PE.MP.582	FOAM TANK FOR FIRE PROTECTION SYSTEMS	New		PE&SD
4	PE.MP.591	PRESSURE DEVICES FOR FIRE PROTECTION SYSTEMS	New		PE&SD
5	PE.MP.593	HOSE REELS FOR FIRE PROTECTION SYSTEMS	New		PE&SD
6	PE.MP.594	NITROGEN CYLINDER BANK	New		PE&SD
7	PE.MP.597	FOAM PUMPS	New		PE&SD
8	PE.MP.604	WORKSHOP EQUIPMENTS	New		PE&SD
9	PE.MP.607	SPECIAL TOOLS AND TACKLES	New	Measuring instruments such as Bore gauge, Filler gauge, Vernier calliper etc.	PE&SD
10	PE.MP.609	INFRA RED DETECTORS	New		PE&SD
11	PE.MP.612	COLD INSULATION MATERIALS	New		PE&SD
12	PE.MP.614	MBBR TECHNOLOGY PROVIDER FOR SEWAGE TREATMENT PLANT (STP)	New		PE&SD
13	PE.EP.064	ELECTRICAL SYSTEM STUDIES SOFTWARE PACKAGE	New	Electrical system study software shall be suitable for carrying out of following minimum studies. 1. Load flow study. 2. Motor startup study. 3. Shortcircuit study. 4. Transient stability study. 5. Harmonic study. 6. Capacitor compensation study	PE&SD
14	PE.IN.583	MCT BLOCKS	New	Multi Cable Transit Blocks are needed as fire barrier between field and Control room of Power plants.	PE&SD
15	PE.MP.003	HSD/NAPHTHA CENTRIFUGE.	30		PE&SD
16	PE.MP.045	FLEXI GLASS RINGS	1		PE&SD
17	PE.MP.061	GAS DETECTION SYSTEM	New		PE&SD
18	PE.MP.074	AIR COOLED CONDENSER PACKAGE: ABOVE 100 TPH STEAM FLOW RATE	New		PE&SD
19	PE.MP.078	VAPOUR ABSORBE MACHINE FOR AIR CONDITIONING SYSTEM.	New		PE&SD
20	PE.MP.552	THERMAL INSULATION - CALCIUM SILICATE	4		PE&SD
21	PE.MP.563	QBD & SPRINKLERS FOR FIRE PROTECTION SYSTEMS	New		PE&SD
22	PE.MP.581	BLADDER TANK FOR FIRE PROTECTION SYSTEMS	New		PE&SD
23	PE.MP.584	BALANCE PROPORTIONER FOR FIRE PROTECTION SYSTEMS	New		PE&SD
24	PE.MP.611	ANCHOR FASTENERS	1		PE&SD
25	PE.EP.003	LEAD ACID STORAGE BATTERY	22		PE&SD

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26	PE.EP.004	NICKEL-CADMIUM BATTERY	65		PE&SD
27	PE.EP.008	DIRECT ON LINE STARTERS (EXPLOSION PROOF)	New		PE&SD
28	PE.EP.015	LIGHTING FIXTURES, LUMINIAIRS (FOR SAFE AREA APPLICATIONS)	New		PE&SD
29	PE.EP.020	HT BUSDUCT	38		PE&SD
30	PE.EP.025	RUBBER MAT	6		PE&SD
31	PE.EP.044	JBS FOR LIGHTING (EXPLOSION PROOF)	New		PE&SD
32	PE.EP.047	LIGHTING PANELS HAZARDOUS AREA	New		PE&SD
33	PE.EP.049	ELECTRIC ACTUATORS	New		PE&SD
34	PE.EP.058	FIRE PROOF SEALING SYSTEM FOR CABLE PENETRATIONS & FIRE BREAK COATING FOR ELECTRICAL CABLES	82	Fire proof sealing materials shall comprise of following items. 1. Mortar seal material 2. Mineral wool material 3. Fire break coating	PE&SD
35	PE.EP.062	HT/LT ENERGY METERING PANEL	2		PE&SD
36	PE.EP.065	WEATHER PROOF LOCAL CONTROL STATIONS CRCA UPTO IP55	New		PE&SD
37	PE.EP.066	ESE TYPE LIGHTNING ARRESTOR	New		PE&SD
38	PE.IN.581	VIBRATION & DISPLACEMENT MONITORING SYSTEM	69	BHEL needs the System for monitoring of Vibrations, Position and speed for the protection of critical Rotating equipments like Motors, Pumps, Compressors	PE&SD
39	PE.IN.587	SIGNAL ISOLATORS, BARRIERS, FOUNDATION FIELD BUS JUNCTION BOX & ACCESSORIES	5		PE&SD
40	PE.MP.006	FUEL OIL FORWARDING / UNLOADING PUMPS (SCREW PUMPS)	New		PE&SD
41	PE.MP.031	STEAM TURBINE DRIVES	New		PE&SD
42	PE.MP.035	BOREWELL PUMP	New		PE&SD
43	PE.MP.036	SILENCERS	26		PE&SD
44	PE.MP.038	ACCUMULATORS	8		PE&SD
45	PE.MP.040	FLAME ARRESTORS	1		PE&SD
46	PE.MP.054	RUBBER EXPANSION JOINTS	5		PE&SD
47	PE.MP.076	PACKAGE AIR CONDITIONING/CENTRAL AIR CONDITIONING SYSTEM.	New		PE&SD
48	PE.MP.529	AIR COOLED CONDENSER PACKAGE: UP TO 100 TPH STEAM FLOW RATE	New		PE&SD
49	PE.MP.558	CENTRIFUGAL FANS, AXIAL FANS AND AIR HANDLING UNITS	New		PE&SD
50	PE.MP.577	FOAM POURER AND GENERATION EQUIPMENTS FOR FIRE PROTECTION SYSTEMS	New		PE&SD
51	PE.MP.586	POSITIVE MATERIAL IDENTIFICATION (PMI) ANALYSER	4		PE&SD
52	PE.MP.588	BRANCH PIPES / HYDRANT NOZZLES FOR FIRE PROTECTION SYSTEMS	New		PE&SD
53	PE.MP.613	SBR TECHNOLOGY PROVIDER FOR SEWAGE TREATMENT PLANT (STP)	New		PE&SD
54	PE.MP.615	TECHNOLOGY PROVIDERS & ENGINEERING CONSULTANT FOR SEWAGE TREATMENT PLANTS	New		PE&SD
55	PE.IN.011	CLOSED CIRCUIT TV (CCTV)	54		PE&SD
56	PE.MP.017	COOLING TOWERS (CONVENTIONAL)	78		PE&SD
57	PE.MP.034	THERMAL INSULATION PACKAGE	282		PE&SD
58	PE.MP.513	CONDENSATE EXTRACTION PUMPS (VERTICAL)	250		PE&SD
59	PE.MP.516	RCC COOLING TOWERS (UPTO 6000 M3/HR CAPACITY)	54		PE&SD
60	PE.MP.605	AIR DRYER	20		PE&SD
61	PE.MP.606	CATHODIC PROTECTION SYSTEM	4		PE&SD
62	PE.MP.618	LUBE OIL PUMP (GEAR PUMP)	New		PE&SD
63	PE.EP.018	UPS SYSTEM	226		PE&SD
64	PE.EP.057	ILLUMINATION ITEMS PACKAGE	355		PE&SD
65	PE.EP.059	FRP CABLE TRAYS AND ACCESSORIES	27		PE&SD
66	PE.EP.060	ELECTRICAL LAB EQUIPMENT	15		PE&SD

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67	PE.MP.014	FEED WATER PUMPS	800		PE&SD
68	PE.MP.087	GAS BOOSTER COMPRESSOR	80		PE&SD
69	PE.MP.551	ALUMINIUM SHEETS/COILS FOR THERMAL INSULATION CLADDING	69		PE&SD
70	PE.EP.017	LT.MOTOR CONTROL CENTRES, POWER CONTROL CENTRES, A C & D C DISTRIBUTION BOARDS.	814		PE&SD
71	PE.IN.508	STEAM & WATER ANALYSIS SYSTEM (SWAS)	104	SWAS consists of Sensors, Transmitters with associated Sample handling system to monitor Ph, Conductivity, Si, ORP, TOC, etc in Steam and Water media of Power plants.	PE&SD
72	PE.IN.515	CONTROL VALVES (PNEUMATIC DIAPHRAGM)	352		PE&SD
73	PE.IN.585	FIELD INSTRUMENTATION PACKAGE	230	BHEL needs Packaging of Field Instruments like Pressure/Temp/Flow Transmitters and Guages alongwith related assessoris like JB's, Calibrators, Canopies. These items have to be supplied to BHEL as a package from the approved make of BHEL	PE&SD
74	PE.MP.011	HORIZONTAL CENTRIFUGAL PUMPS (API)- FOR DM WATER, CONDENSATE, SREVICE WATER, POTABLE WATER, COOLING WATER ETC	235		PE&SD
75	PE.MP.059	STEAM TRAPS (THERMODYNAMIC / BALL FLOAT)	25		PE&SD
76	PE.MP.075	AIR/NITROGEN COMPRESSOR(SCREW/RECIPROCATING)	23		PE&SD
77	PE.MP.082	IA/PA SYSTEM PACKAGE (WITH RECIPROCATING TYPE COMPRESSOR)	New		PE&SD
78	PE.MP.585	FIRE WATER PUMPS	37		PE&SD
79	PE.MP.023	SURGE/PRESSURE VESSELS	51		PE&SD
80	PE.MP.047	IA/PA SYSTEM (SCREW COMPRESSOR)	233		PE&SD
81	PE.MP.069	CHEMICAL DOSING SYSTEM (FOR CIRCULATING CW SYSTEM)	15		PE&SD
82	PE.MP.608	SIDE STREAM FILTERATION SYSTEM	New		PE&SD
83	PE.MP.026	AIR CONDITIONING SYSTEM	97		PE&SD
84	PE.MP.048	NITROGEN PLANT	9		PE&SD
85	PE.MP.599	CONDENSER ONLINE TUBE CLEANING SYSTEM	21		PE&SD
86	PE.MP.001	GAS CONDITIONING SKID	463		PE&SD
87	PE.MP.535	CARBON STEEL AND MILDSTEEL PIPES (WELDED)	60	NPS > 16"	PE&SD
88	PE.MP.016	REVERSE OSMOSIS SYSTEM/ DM PLANT SYSTEM PACKAGE	69		PE&SD
89	PE.MP.022	FIRE PROTECTION, FIRE DETECTION AND ALARAM SYSTEM PACKAGE	216		PE&SD
90	PE.IN.580	INSTRUMENT HOOK UP MATERIAL PACKAGE	248	BHEL needs items(Hookup material) for installation of Field Instruments like Pressure/Temp/Flow Transmitters and Guages	PE&SD
91	PE.MP.042	FLANGES	121		PE&SD
92	PE.MP.524	WATER BASED FIRE PROTECTION SYSTEM	536		PE&SD
93	PE.MP.517	PRE FABRICATED PIPE SPOOLS	416		PE&SD
94	PE.MP.511	BUTT WELDED PIPE FITTINGS	275		PE&SD
95	PE.MP.538	M.S & G.I.PIPES (WELDED)	170	NPS <= 14"	PE&SD
96	New	COARSE SCREENS FOR MUNICIPAL AND SEWAGE WATER	New		PE&SD
97	New	FINE SCREENS FOR MUNICIPAL AND SEWAGE WATER	New		PE&SD
98	New	GRIT CHAMBER	New		PE&SD
99	New	AIR BLOWERS WITH MOTORS	New		PE&SD

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100	New	CENTRIFUGE	New		PE&SD
101	New	DOSING METERING PUMPS	New		PE&SD
102	New	CHLORINATORS	New		PE&SD
103	New	SUBMERSIBLE MIXERS	New		PE&SD
104	New	DOSING TANK WITH AGITATOR	New		PE&SD

**For Total list of items/packages procured by PE&SD, RCPuram, Hyderabad, please visit our Corporate Office website (www.bhel.com > Supplier Registration > Online Supplier Registration Portal)
(Link: http://supplier.bhel.in/mat_search1.jsp).**

Procedure for getting registered:

You need to apply online.
Kindly use the following links to enter into supplier registration portal.
a) <https://supplier.bhel.in/> (or)
b) <https://suppliers.bheltry.co.in/>

Help file can be downloaded from the following link : https://supplier.bhel.in/menu_help.pdf

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