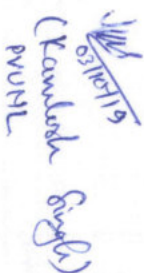


NTPC		Project : Patratu STPP 3X800 MW	Doc No	Q.A.Mech-FDPS-01		
Package : FDPS Package		Sub-Vendor List for controlled items	Rev No	2		
Main Contractor BHEL, P&S/D/Hyd		Mechanical Items	Date	26/09/2019		
Contract No. : CS-9585-001-2						
S.L.NO.	ITEM	QIP/INSRN CAT	ACCEPTABLE SUPPLIER AS PER THE PRESENT DATABASE	PLACE OF MANUFACTURING	Approval Cat	Remarks
1	HORIZONTAL CENTRIFUGAL PUMPS	I	KSB	PUNE/NASHIK	A	
			WIL0 M&P	PUNE/ KOLHAPUR	A	
			VOLTAS	MUMBAI	DR	
			BEST AND CROMPTON	CHENNAI	A	
			FLOWMORE	GHAZIABAD	A	
			WORTHINGTON	GHAZIABAD	DR	
			SAM TURBO	COIMBATORE	A	UP TO 1500 CUM/HR
			SULZAR	MUMBAI	DR	
			KISHORE PUMP	PUNE	A	UP TO 500 CUM/HR
			KBL	KIRLOSKARWADI	A	
			GRUNDFOS	CHENNAI	A	HORIZONTAL UP TO 30 KW. (FOR APPLICATIONS WHERE NPSH IS NOT REQUIRED)
			WIL0 MATHER AND PLATT PUMPS	SECUNDERABAD	DR	
			JYOTI LIMITED	VADODRA	A	
			WPIL LIMITED	GHAZIABAD	A	
2	DIESEL ENGINE	I	GREAVES COTTON (R & H)	PUNE	A	
			CUMMINS	KOTHRUD/VIMAN NAGAR	A	
			CATERPILLAR	USA	A	FOR BOOSTER PUMP
			ASHOK LEYLAND	CHENNAI	A	FOR BOOSTER PUMP
3	HYDRANT VALVE (SS)	I	KOEL	PUNE	A	
			SUKAN	AHMEDABAD	A	
			SHAH BHOGLIAL	AHMEDABAD	A	
			NEW AGE INDUSTRIES	SURENDRA NAGAR	A	
4	SAFETY RELIEF VALVE	III	LEADER	JULANDHER	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE	
			SPIRAX MARSHALL	PUNE		
			FISHER SANMAR	CHENNAI		
			BLISS ANAND PVT. LTD.,	HARYANA		
			INSTRUMENTATION LTD	PALAKKAD		
			WEIR BDX VALVES	HUBLI		
			FORBES MARSHALL LTD.	PUNE		
			FAINGER LESER VALVES PVT. LTD.	MUMBAI		
			ANDERSON GREENWOOD CROSBY	CHENNAI		



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(Kamlesh Singh)
PVNL

 NTPC Project : Patratu STPP 3X800 MW Package : FDPS Package Main Contractor: BHEL, PE&SD/Hyd Contract No. : CS-9585-001-2						Sub-Vendor List for controlled items Mechanical Items			Doc No Rev No Date			QA-Mech-FDPS-01 2 26.09.2019		
SL. NO.	ITEM	QP/INSPN CAT	ACCEPTABLE SUPPLIER AS PER THE PRESENT DATABASE	PLACE OF MANUFACTURING	Approval Cat	Remarks								
5	STRAINER (All type)	III	OTOKLTN GLOBAL BUSINESS	MUMBAI	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE									
			SAROJINI ENTERPRISE	HOWRAH										
			FILTRATION ENGINEERS	MUMBAI										
			HAWA ENGINEERS LTD.	AHMEDABAD										
			GRAND PRIX	FARIDABAD										
			MULTITEX	NOIDA										
			GUJARATOTOFILT	AHMEDABAD										
			TELEFLO STRAINERS & PRESSURE	CHENNAI										
			PROCEEDYNE ENGINEERS	CHENNAI										
			SUNGOV ENGINEERING PVT LTD.	CHENNAI										
			ASIAN INDUSTRIAL VALVES AND	CHENNAI										
			NISAN SCIENTIFIC PROCESS	NAVI MUMBAI										
			SKILT FABRICATORS PVT.LTD.	MUMBAI										
			MICON VALVES (I) PVT. LTD.	MUMBAI										
			JAY-EESH ENGINEERING COMPANY	MUMBAI										
6	BUTTERFLY VALVE (CS/SS - PN 16 UPTO 600 NB)	II	SCIENTIFIC DEVICES (BOMBAY) PVT. LT	NAVI MUMBAI	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE									
			GRAND PRIX ENGINEERING PVT. LTD	FARIDABAD										
			TRIVENI EQUIPMENTS PVT LTD	AHMEDABAD										
			GUJARAT OTOFILT.	AHMEDABAD										
			DYNAMIC VALVES PVT. LTD.	NAVI MUMBAI										
			VALVE TECH INDUSTRIES	TALOJA, RAIGAD										
			CRANE PROCESS FLOW TECHNOLOGIES	SATARA										
			R & D MULTIPLES (METAL CAST)	PARDI										
			HI-TECH BUTTERFLY VALVES INDIA	INDORE										
			LEADER VALVES LIMITED	JALANDHAR										
			DELVAL FLOW CONTROLS PVT LTD.	CHENNAI										
			CANLE VALVES PRIVATE LIMITED	COIMBATORE										
			STAFFORD CONTROLS LIMITED	CHENNAI										
			A V VALVES LIMITED	AGRA										
			ADVANCE VALVES PVT LTD.	NOIDA										
JUPITER ENGINEERING CO	HOWRAH													
KAMALA VALVES & ENGINEERING PVT. LT	HOWRAH													
VENUS PUMP & ENGINEERING WORKS	HOWRAH													
KALPANA VALVES MFG. CO. PVT. LTD.	HOWRAH													
			KAMALA VALVES & ENGINEERING WORKS	HOWRAH										
			DURGA VALVES PRIVATE LIMITED	SECUNDERABAD										

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Project : Patratu STPP 3X800 MW Package : FDPS Package Main Contractor: BHEL,PF&SD/Hyd Contract No. : CS-9585-001-2			Sub-Vendor List for controlled items Mechanical Items			Doc No Rev No Date		QA-Mech-FDPS-01 2 26/09/2019
SL.NO.	ITEM	QP/INSPN CAT	ACCEPTABLE SUPPLIER AS PER THE PRESENT DATABASE	PLACE OF MANUFACTURING	Approval Cat	Remarks		
8	CI GATE/SLUICE, CHECK VALVES (UPTO 600NB, & CL 300)	II	KAMALA VALVES & ENGINEERING WORKS	Howrah	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE			
			Kamala Valves Manufacturing Concern	HOWRAH (WEST BENGAL)				
			KALPANA VALVES MFG. CO. PVT. LTD.	HOWRAH				
			VENUS PUMP & ENGINEERING WORKS	HOWRAH				
			KAMALA VALVES & ENGINEERING PVT. LT	Howrah				
			LEVCON VALVES PVT. LTD.	HOWRAH				
			FLUIDLINE VALVES COMPANY PVT.	KOLKATA				
			A.V VALVES LIMITED	GHAZIABAD				
			LEADER VALVES LIMITED	JALANDHAR				
			CRESCENT VALVES MFG CO. PVT. LTD.	MUMBAI				
9	CI GATE/GLOBE/CHECK VALVES (ABOVE 600 NB OR CL 300)	I	MICON VALVES (I) PVT. LTD.	MUMBAI				
			HAWA VALVES (INDIA) PVT. LTD	NAVI MUMBAI AHMEDABAD				
			FLOSTEER ENGINEERS PVT. LTD.,	AHMEDABAD				
			H SARKAR	HOWRAH			DR	UP TO NB 600 ONLY
			BANKIM	HOWRAH			DR	UP TO NB 600 ONLY
			LEADER	JULLANDHER			DR	GATE 300NB AND PN16,GLOBE 150 NB AND PN16 & 450NB PN10,CHECK 600NB CLASS #150
			HAWA ENGINEERS	AHMEDABAD			DR	
			LEADER	JULLANDHER			MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE	
			FOURESS ENGG.	AURANGABAD				
			Weir-BDK	HUBLI				
STEEL STRONG VALVE	NABI MUMBAI							
10	SS GATE /GLOBE/CHECK VALVE (UPTO 300 NB & CL 300)	II	HI TECH	AHMEDABAD				
			KSB WATAR PUMPS AND VALVE	COIMBATORE				
			BHEL	GOINDWAL				
			A.V VALVES LIMITED	AGRA				
			AMPO VALVES INDIA PRIVATE LIMITED	TAMILNADU				
			VALVE TECH INDUSTRIES	NAVI MUMBAI				
			SHALIMAR VALVES PVT. LTD.	NAVI MUMBAI				
			SKILT FABRICATORS PVT.LTD.	MUMBAI				
			NITON VALVE INDUSTRIES LTD	BOMBAY				
			MICON VALVES (I) PVT. LTD.	MUMBAI				
			NSSL LIMITED	NAGPUR				
			B.F.E.SRL BONNEY FORGE	ALESSANDRO				
			VALVITALIA S.P.A	RIVANAZZANO				
			FLOSTEER ENGINEERS PVT. LTD.,	AHMEDABAD				
OSWAL INDUSTRIES LTD.	KALOL, GANDHINAGAR							
L & T VALVES LIMITED	HYDERABAD							
FOURESS ENGINEERING (I)PVT.LTD	HYDERABAD							


 26/09/19


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 CH Prashanth Kumar
 26/09/2019
 26/09/2019

		Project : Patratu STPP 3X800 MW Package : FDPS Package Main Contractor: BHEL/PE&SD/Hyd Contract No. : CS-9585-001-2			Sub-Vendor List for controlled items Mechanical Items		Doc No Rev No Date	QA-Mech-FDPS-01 2 26/09/2019
SL.NO.	ITEM	QP/INSPN CAT	ACCEPTABLE SUPPLIER AS PER THE PRESENT DATABASE	PLACE OF MANUFACTURING	Approval Cat	Remarks		
13	FIREHOSE	II	SWASTIK PIPE LIMITED	DELHI	MAIN CONTRACTOR APPROVED SOURCE ACCEPTABLE (BIS APPROVED SOURCE HAVING VALID LICENSE)			
			NAVATAN PIPE AND PROFILE LIMITED	NEW DELHI				
			FUTNANI STEELS PVT LTD.	SECUNDERABAD				
			BIS APPROVED SOURCES A WITH VALID LICENCE					
			GHOSH ENGINEERING INDUSTRIES	WEST BENGAL				
14	WATER MONITOR	II	ASCO STRUMECH PVT. LTD.	KOLKATA				
			Sukan Equipments Pvt Ltd	Gujarat				
			NEWAGE FIRE FIGHTING CO. LTD	SURENDRANAGAR				
			SHAH BHOGILAL JETHALAL & BROTHERS	AHMEDABAD				
			HD FIRE	JALGAON				
15	BRANCH PIPE COUPLING & NOZZLE (SS & GM)	II	NEWAGE	SURENDRANAGAR	MAIN CONTRACTOR APPROVED SOURCE ACCEPTABLE (BIS APPROVED SOURCE HAVING VALID LICENSE)			
			SHAHBHOGILAL	AHMEDABAD				
			ASHOKA ENGINEERING COMPANY	NEW DELHI				
			SHAH BHOGILAL JETHALAL & BROTHERS	AHMEDABAD				
			NEWAGE FIRE FIGHTING CO. LTD.	SURENDRANAGAR				
16	DELUGE VALVE WITH TRIMS	I	Sukan Equipments Pvt Ltd	Gujarat				
			ASCO STRUMECH PVT. LTD.	KOLKATA				
			GHOSH ENGINEERING INDUSTRIES	WEST BENGAL				
			HD FIRE	THANE/JALGAON				
			TYCO (GRINELL)	UK/USA				
17	HV/MV SPRAY NOZZLE	II	SHIELD	UK	FOR PISTON TYPE DELUGE VALVE ONLY			
			CARRIER	GURGAON				
			HD FIRE	THANE				
			TYCO	UK/USA				
			SHIELD	U K				
18	QB DETECTOR	III	UTC FIRE & SECURITY INDIA LTD.	BANGALORE	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE			
			TYCO (GRINELL)	UK				
			HD FIRE	THANE				
			MINIMAX	GERMANY				
			NEWAGE FIRE FIGHTING CO. LTD.	SURENDRANAGAR				
19	WRAPPING & COATING MATERIAL	II	MP TAR PRODUCTS	BHILAI	A			
			PORWAL INDUSTRIES	RATPUR				
			STP	JAMSHEDPUR				
			RUSTECH	KOLKATA				

26/09/2019


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 32, Yashwantrao Chavan Marg, BHEL/HYD-32
 Bhopal-462015

Project : Patratu STPP 3x800 MW		Sub-Vendor List for controlled items		Doc No	QA-Mech-FDPS-01	
Package : FDPS Package		Mechanical Items		Rev No	2	
Main Contractor: BHEL/PT&SD/Hyd				Date	26.09.2019	
Contract No. : CS-9585-001-2						
SL.NO.	ITEM	QP/NSPN CAT	ACCEPTABLE SUPPLIER AS PER THE PRESENT DATABASE	PLACE OF MANUFACTURING	Approval Cat	Remarks
20	INERT GAS EXTINGUISHING SYSTEM	II	ANSUL KIDDE (GINGEKERR) MINIMAX GmbH & Co. KG TOTAL WALTHER NOHMI BOSAI LEADER VALVES SANTVALVES	USA DAN MARK GERMANY GERMANY JAPAN JULANDHER JULANDHER	A A A A A MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE	Subject to meeting Sub QR requirement.
21	GM VALVE	III	UNITED FIRE EQUIPMENTS PVT LTD. ASHOKA ENGINEERING COMPANY NITIN FIRE PROTECTION INDUSTRIES LI SUPREME EXQUIPMENTS INTIME FIRE APPLIANCES PVT. LTD. KANADIA FFR EYTER PVT. LTD. SAFEEX FIRE SERVICES LTD. INTEGRATED FIRE PROTECTION	NEW DELHI NEW DELHI MUMBAI NAVI MUMBAI MUMBAI Palghar KOLKATA	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE (BIS APPROVED SOURCE HAVING VALID LICENSE)	
22	FIRE EXTINGUISHER	I	MAIN CONTRACTOR APPROVED SOURCES		MAIN CONTRACTOR APPROVED SOURCES	
23	HOSE BOX	III	MAIN CONTRACTOR APPROVED SOURCES		MAIN CONTRACTOR APPROVED SOURCES	
24	MALLEABLE FITTINGS	III	MAIN CONTRACTOR APPROVED SOURCES		MAIN CONTRACTOR APPROVED SOURCES	
25	MS FITTINGS (BLACK/GI)	III	MAIN CONTRACTOR APPROVED SOURCES		MAIN CONTRACTOR APPROVED SOURCES	
26	FITTINGS (ASTM A 234 / A105)	III	NILHAZRA GUJRAT INFRA PIPES TUBE PRODUCTS PIPEFIT ENGINEERS MS FITTINGS SIDDARTH & GAUTAM EBV Jindal Forging Pvt Ltd ENGINEERING SERVICE ENTERPRISE N. L. HAZRA AND SON M. S. FITTINGS MANUFACTURING CO. PVT POONAM ENTERPRISE NAV DURGA FORGING AND FITTINGS TUBE TURN (INDIA) P. LTD. UNITECH MACHINES LIMITED K. S. PIPE FITTINGS PVT. LTD. P. K. TUBES & FITTINGS PVT. LTD. TRUE FAB ENGINEER (P) LTD.	KOLKATA BARODA BARODA BARODA KOLKATA FARIDABAD MUMBAI Kolkata Kolkata HOWRAH KOLKATA MUMBAI MUMBAI NAVI MUMBAI GURGAON DIST - PALWAL GURGAON FARIDABAD	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE	

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		Project : Patratu STPP 3X800 MW Package : FDPS Package Main Contractor: BHEL PE&SD/Hyd Contract No. : CS-9585-001-2		Sub-Vendor List for controlled items Mechanical Items		Doc No Rev No Date		QA-Mech-FDPS-01 2 26.09.2019	
SL NO.	ITEM	Q/INSPN CAT	ACCEPTABLE SUPPLIER AS PER THE PRESENT DATABASE	PLACE OF MANUFACTURING	Approval Cat	Remarks			
27	SS ERW PIPES	III	DEE DEVELOPMENT ENGINEERS LTD.,	FARIDABAD					
			TRUE FORGE PVT LTD.,	FARIDABAD					
			PETRO CHEM INDUSTRIES	VADODARA					
			TOPAZ PIPING INDUSTRIES	VADODARA					
			SAWAN ENGINEERS PVT. LTD.	VADODARA					
			GUJARAT INFRAPIPES PVT.LTD.,	BARODA					
			WEIFANG HUODA PIPE FITTINGS	WEIFANG					
			TRIOMECH ENGINEERING PVT. LTD.	SANGAREDDY DIST					
			PRESHZINGER ENGINEERING	HYDERABAD					
			FLOWTECH	KOLKATA					
			LEADER VALVES LIMITED	JALANDHAR					
			FITTECH INDUSTRIES PVT. LTD.	THANE					
			PRECISION ENGINEERING INDS.,	MUMBAI					
			SKY FORGE PRIVATE LIMITED	DUNDGA, PALWAL					
			S S PIPE FITTINGS & FORGINGS	MEDAK DIST.					
			UNIQUE ENGINEERING ENTPS. PVT. LTD.	SECUNDERABAD					
			FLASH FORGE PVT LTD	VISAKHAPATNAM					
			CARLO DYNATECH INDUSTRIES,	PATANCHERU					
			U.I. PIPE FITTINGS PVT. LTD.	HYDERABAD					
			PIPEFIT ENGINEERS PVT. LTD.	VADODARA					
			APBXTUBES	BEHROR	A				
			REMI EDELSTAHL TUBULARS LIMITED	MUMBAI	A				
			HEAVY METAL AND TUBES (INDIA)	DIST. GANDHINAGAR	A				
			RATNAMANI METALS & TUBES LTD.,	AHMEDABAD	A				
			PRODUCTOS TUBULARES S.A.,	SPAIN	A				
			ARMSELL	BANGALORE	A				
			EDDY CRANES	PUNE	A				
28	EOT CRANES (UPTO 10 T)/ ELECTRIC HOISTS (UPTO 10 T)	Cat-I for EOT crane and Cat-III for Hoists up to 10 T capacity	LIFTING EQUIPMENTS	DELHI	A	ONLY FOR ELECTRIC HOIST UPTO 5 T			
			TRACTOR TRIFEL	PALVEL	A	FOR ELECTRIC HOIST ONLY			
			CONSOLIDATED HOIST PVT. LTD.	SATARA / PUNE	A				
			ALPHA SERVICES	BHIWADI	A	GEARBOX FROM NTPC APPROVED SOURCES.			
			TUOBRO FURGUSON INDIA PVT. Ltd	KOLKATA	A	FOR ELECTRIC HOIST UPTO 5 T			
			MUKAND	THANE	A	EOT CRANE			
			FAFCO	VADODARA/MUMBAI	A				
			WMI	MUMBAI	A				
			AVON CRANES	GURGAON	A				
			MILLARS INDIA LTD.	KARAN SAD	A	FOR EOT CRANE ONLY			
			TISCO GROWTH	JAMSHEDPUR	A	FOR EOT CRANE ONLY			
UNIQUE INDUSTRIAL HANDLERS	NASHIK	A	EOT CRANE						


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Patratu STPP NTPC		Project : Patratu STPP 3X800 MW Package : FDPs Package Main Contractor: BHEL/PT&SD/Hyd Contract No. : CS-9585-001-2		Sub-Vendor List for controlled items Mechanical Items		Doc No Rev No Date		QA-Mech-FDPs-01 2 26/09/2019	
SL.NO.	ITEM	QP/INSPN CAT	ACCEPTABLE SUPPLIER AS PER THE PRESENT DATABASE	PLACE OF MANUFACTURING	Approval Cat	Remarks			
29	CHAIN PULLEY BLOCK (UPTO 5 TONS)	III	ANUPAM INDUSTRIES LTD.	V U NAGAR	A	FOR EOT CRANE ONLY			
			HEC	RANCHI	A				
			CENTURY CRANE	BALLABHGARH	A	GEARBOX FROM NTPC APPROVED SOURCES			
			GRIP	FARIDABAD	A	FOR EOT CRANE ONLY			
			HERCULES HOIST	RAIGAD	A	FOR ELECTRIC HOIST UPTO 5 T			
			REVA INDUSTRIES	FARIDABAD	A	FOR ELECTRIC HOIST UPTO 5 T			
			GRIP	HYDERABAD	A	GEARBOX FROM NTPC APPROVED SOURCES			
			MEERA MACHINERY PVT. LTD.	AHMEDABAD	A	FOR ELECTRIC HOIST UPTO 10 T			
			SMACO ENGINEERING PRIVATE LIMITED	MUMBAI	A	EOT-60T, EOT-2T			
			MANGLA HOISTS PVT. LTD	Greater Noida	A	EOT-15T, FOR EOT CRANE ONLY GEARBOX FROM NTPC APPROVED SOURCES			
30	MULTI PURPOSE NOZZLE	II	CRANEX LIMITED	GHAZIABAD	A	MAIN CONTRACTOR APPROVED SOURCES			
			TRACTEL TRIFEL	PALVEL		ACCEPTABLE			
			ARMSELL	BANGALORE					
			LEAP	DELHI					
			HERCULES (INDEF)	RAJGAD					
31	PRESSURE RELIEF DAMPER/GRVITY DAMPER)	III	CENTURY CRANE	BALLABHGARH		MAIN CONTRACTOR APPROVED SOURCES			
			SHAH BHOGILAL	AHMEDABAD		ACCEPTABLE			
			NEW AGE INDUSTRIES	SURENDRA NAGAR		MAIN CONTRACTOR APPROVED SOURCES			
32	ALARM VALVE WITH TRIMS	I	HD FIRE	THANE	A				
33	PRESSURE E REDUCING VALVE (PRV)	III	HD FIRE	JALGAON	A				
			RAPHEAL VALVES (TYCO VALVES)	ISRAEL		MAIN CONTRACTOR APPROVED SOURCES			
			DARLING MUESCO	AHMEDABAD		ACCEPTABLE			
34	AIR RELEASE VALVE	III	MAIN CONTRACTOR APPROVED SOURCES						
35	FOAM SYSTEM (BLADDER TANK TYPE)	I	FIRETECH	MUMBAI	A				
			HD FIRE	JALGAON	A				
			NAFFCO	UAE	A				
			L&T	MUMBAI/ COIMBATORE BANGALORE MUMBAI	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE				
36	LOCAL CONTROL PANEL FOR DIESEL ENGINE/DELUGE VALVE	III	SIEMENS SCHEIDER						

[Signature]

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श्री एल. सुशील कुमार
CH. Prashanthi & Co. P. 1530
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एनटीपीसी NTPC		Project : Patratu STPP 3X800 MW Package : FDPFS Package Main Contractor: BHEL, PE&SD/Hyd Contract No. : CS-9585-001-2		Sub-Vendor List for controlled items Mechanical Items		Doc No Rev No Date		QA-Mech-FDPS-01 2 26.09.2019		
SL. NO.	ITEM	QP/INSPN CAT	ACCEPTABLE SUPPLIER AS PER THE PRESENT DATABASE	PLACE OF MANUFACTURING	Approval Cat	Remarks				
37	Flanges	III	UNILEC	GURGAON	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE					
			CONTROL & SWITCHGEAR	NOIDN HARDWAR						
			CONTROL & SCHEMATIC	HYDERABAD						
			JACKSON	G. NOTDA						
			ANAND POWER	NOIDA						
			PROTECH	UDAIPUR						
			SWITCHING CIRCUIT	KOLKATA						
			POSITRONICS	VADODARA						
			MAKTEL	VADODARA						
			TRICOLITE	SAHIBABAD/MANESAR						
			HINDUSTAN CONTROL & EQUIPMENT	KOLKATA						
			CONTROL DEVICES	KOLKATA						
			VIDYUT CONTROL	GHAZIABAD						
			ADLECPPOWER	ROHAD (JHAJHAR)						
			JOLLY ENGG.	KOLKATA						
			JASPER	NOIDA						
			HAVELL	FARIDABAD						
			UNITED OIL AND GAS ENGINEERING PVT LTD	CHENNAI						
			CHW FORGE PRIVATE LIMITED	Ghaziabad						
			C. D. INDUSTRIES,	Ghaziabad						
			SUPER FORGE PVT LTD	Ghaziabad						
			C. D. ENGINEERING CO.	Ghaziabad						
			KUNJ FORGINGS PVT. LTD.	Ghaziabad						
			Jindal forging Pvt Ltd	KOLKATA						
			TESHI ENGINEERS AND SALES PROMOTERS	KOLKATA						
			MAHESH INDUSTRIES	Navr MUMBAI						
			NAV DURGA FORGING AND FITTINGS	Mumbai						
			TRUE FORGE PVT. LTD. ,	Faridabad						
			PIPEFIT ENGINEERS PVT. LTD.	Vadodara						
			PETRO CHEM INDUSTRIES	Vadodara						
			METAL FORGINGS P. LTD.	NEW DELHI						
			PRESZINGER ENGINEERING	HYDERABAD						
			UNIQUE ENGINEERING ENTIPS, PVT. LTD.	HYDERABAD						

6/11/2019


 श्री. ए. प्रदीप कुमार
 CH. Pradyumn Kumar
 100, Gurgaon, Gurgaon
 122001, Haryana, India

		Project : Patratu STPP 3X800 MW	Sub-Vendor List for controlled items		Doc No	QA-Mech-FDPS-01
Package : FDPS Package		Main Contractor: BHEL, PE&SD/Hyd	Mechanical Items		Rev No	2
Contract No. : CS-9585-001-2					Date	26/09/2019
SL.NO.	ITEM	QP/INSPN CAT	ACCEPTABLE SUPPLIER AS PER THE PRESENT DATABASE	PLACE OF MANUFACTURING	Approval Cat	Remarks
38	Gaskets	III	GODDRICH GASKET PVT. LTD. I.G.P ENGINEERS PVT LIMITED, BOMBAY CHEMICAL EQUIPMENTS TEEKAY FLOWFLEX PVT. LTD. JYOTHI INDUSTRIES, STARFLEX SEALING INDIA PVT. LTD. UNI KLINGER LTD. JAMES WALKER INMARCO INDS PVT LTD SREE PAVITHRA INDUSTRIES, HARIYANA FASTENERS KQUALITY FORGE UDEHRA FASTENERS LIMITED MORNING STAR INDUSTRIES, PIONEER NUTS AND BOLTS PVT LTD MEGA ENGINEERING PVT. LTD. PRESIDENT ENGINEERING WORKS BOLTMASER (INDIA) PVT. LTD. ATLAS FASTENERS	Chennai Chennai Raigad (MH) HYDERABAD Verna, Goa Pune & Ahmedabad Mumbai Ludhiana HYDERABAD Ludhiana Ludhiana Vadodara Thane & Kolhapur Silvassa Palghar & Rudrapur HYDERABAD	MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE MAIN CONTRACTOR APPROVED SOURCES ACCEPTABLE	
39	Stud nuts	III				

LEGENDS :

1.0 SYSTEM SUPPLIER / SUB SUPPLIER APPROVAL STATUS CATEGORY

A - For those items proposed vendor is acceptable to Customer. To be indicated with letter "A" in the list alongwith the condition of approval, if any.
 DR - For those items "Detailed Required" for Customer review. To be identified with letter "DR" in the list. For these items, vendor shall be proposed for owner acceptance with-in the agreed contract schedule of the package.

2.0 QP INSPECTION CATEGORY :

CAT - I : For those items the Quality Plans are approved by Customer and final acceptance will be on physical inspection witness by Customer.
 CAT - II : For those items the Quality Plans are approved by Customer. However no physical inspection shall be done by Customer. The final acceptance by Customer shall be on the basis of review of documents.
 CAT - III : For these items Quality control to be exercised as per Main Contractor Quality Assurance System. The final acceptance by NTPC/PVUN shall be on the basis of Certificate of Conformance (COC) by Main Contractor.

UNITS/WORKS : Place of manufacturing. Place of main supplier of multi units/works.


 श्री. प्रदीप कुमार
 प्रबंधक, श्रमिक कल्याण
 CHA, एन.ए.ए. प्रशासनिक, 19-28
 19-28, एन.ए.ए. प्रशासनिक, 19-28
 19-28, एन.ए.ए. प्रशासनिक, 19-28


 03/10/19
 (Kamlesh Singh)
 PVUNL

		Project : Patratu STPP 3x800 MW	Sub-Vendor List for controlled items		Doc No	QA C&I-FDPS 01
Package : FDPS Package			Control & Instrumentation Items		Rev No	0
Main Contractor : BHEL, Hyderabad					Date	02.04.2019
Sub Contractor :						
Contract No. : CS-9585-001-2						
SI No.	Item	QP/ Insp. Cat.	Acceptable Supplier As Per Database	Place of Manufacturing	Approval Status	Remarks
1	Fire Alarm Panel - Microprocessor Based	II	Notifier	USA	A	
			Tyco	USA	A	
			Autronica	Norway	A	
			Schrack	Austria	A	
			Edward	USA	A	
2	ADDRESSABLE DETECTORS (MULTI SENSOR, PHOTO & HEAT DETECTORS TYPE), INTERFACE UNITS & MANUAL CALL POINTS	II	ESSER (Honeywell)	Germany	DR	
			Notifier	USA	A	
			Tyco	USA	A	
			Autronica	Norway	A	
			Schrack	Austria	A	
3	Coupling / Interposing Relays	III	Edward	USA	A	
			ESSER (Honeywell)	Germany	DR	
			Paramount / Omron/Oen/Iyot/Eista Or OEM Approved Sources			NOTE-6
			Antrieb Technik Pvt Ltd	Chennai	A	for low torque application
			Auma	Bangalore	A	
4	Electrical Actuator (With Gear Box, if Applicable)	II	Limitorque	Faridabad	A	
			Rotork	Chennai/Banglore	A	
			HFCL	Goa	A	
			Aksh Fibre	Bhiwadi	A	
			Finolex	Pune/Goa	A	
5	Fiber Optic Cable	II	M/S Birla Cable Limited	Rewa	A	
			R&M	Switzerland	A	
			Apar Industries Limited	MUMBAI	DR	
			RPG Cables Limited	Thane	DR	


 CH. Prashanth Kumar
 Sr. Manager / Control & Instrumentation
 At (C&I) Sec. C-100, BHEL HYD-3


 P. P. K.



Project : Patratu STPP 3X800 MW
 Package : FDPS Package
 Main Contractor : BHEL, Hyderabad
 Sub Contractor :

Sub-Vendor List for controlled Items
 Control & Instrumentation Items

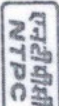
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 Rev No
 Date
 QA-C&I-FDPS-01
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 02.04.2019

Sl No.	Item	QP/ Insp. Cat.	Acceptable Supplier As Per Database	Place of Manufacturing	Approval Status	Remarks
6	Instrument Cables (F, G & T/C Cables) Note-2	I	Paramount Communication Ltd	Khushkhera	A	PVC, FRLS type
			Polycab	Daman	A	PVC, FRLS type
			Delton	Faridabad	A	PVC, FRLS type
			Kel	Bhiwadi	A	PVC, FRLS type
			Elkey Teletinks	Faridabad	A	PVC, FRLS type
			Cords	Kaharani	A	PVC, FRLS type
			Cords	Bhiwadi	A	PVC, FRLS type
			Nicco	Kolkata	A	PVC, FRLS type
			Universal Cable	Satna	A	PVC, FRLS type
			Thermocables	Hyderabad	A	PVC, FRLS type
			Gupta Power Infrastructure Ltd.	Khurda	A	PVC, FRLS type
			Cmi	Faridabad	A	PVC, FRLS type
			Advance Cables Pvt Ltd	Bangalore	A	PVC, FRLS type
			Gemsab Industries Ltd	Bhiwadi	A	PVC, FRLS type
			Apar Industries Limited	Valsad	A	PVC, FRLS type
7	24 V Intelligent Battery Charger / DCDB & BHMS (As applicable)	II	Eltech	Gurgaon	A	
			MasTech	Jalgaon	A	
			VERTIV ENERGY PVT LTD	Mumbai	A	
			GFE Intelligent Plateforms Pvt Ltd	Bangalore	A	
			ABB	Bangalore	A	
8	PLC System	I	Schneider	Nasik	A	
			Rockwell	Sahibabad	A	
			Siemens	Nasik	A	
			Honeywell		A	
				Pune	A	

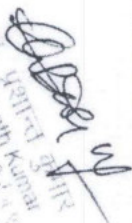
1-PLC modules should be procured from M/s Honeywell Co Ltd, Korea. 2-Make of Panel (Blank Enclosure), Terminal block, Network components & interposing relay should be from NTPC approved source.

(Handwritten signature)
 Mr. V. K. Bhatnagar
 Sr. Engineer
 Control & Instrumentation
 BHEL, Patratu
 Jharkhand

(Handwritten signature)



ମହାନଦୀ NTPC		Project : Patratu STP 3X800 MW	Sub-Vendor List for controlled items	Doc No	QA-C&I FDPS-01	
Package : FDPS Package			Control & Instrumentation Items	Rev No	0	
Main Contractor : BHEL, Hyderabad				Date	02.04.2019	
Sub Contractor :						
Contract No. : CS-9S85-001-2						
Sl No.	Item	QIP/ Insp. Cat.	Acceptable Supplier As Per Database	Place of Manufacturing	Approval Status	Remarks
9	Desk for Ows/Ews/Printer/Server	III	Main Contractor approved sources			
10	Push Button stations	III	Main Contractor approved sources			
11	Blank Panel / Local control panel	III	Main Contractor approved sources			
12	Flow Gauge	III	Main Contractor approved sources			
13	Flow Switch	III	Main Contractor approved sources			
14	Frip Junction Box	III	Main Contractor approved sources			
15	Furniture for Control Room (along with Chair, Almira, Lock - if applicable)	III	Main Contractor approved sources			
16	Graphic Interface Unit	III	Main Contractor approved sources			
17	Hand Held Calibrator	III	Main Contractor approved sources			
18	Impulse Pipes/Tubes	III	Main Contractor approved sources			
19	Instrument Fittings (Air)	III	Main Contractor approved sources			
20	Instrument Valve(Needle Valve)	III	Main Contractor approved sources			
21	Level Gauge / Indicator (T transparent & Reflex, Tubular Type)	III	Main Contractor approved sources			
22	Level Indicator (Float & Board, Tubular Type)	III	Main Contractor approved sources			
23	Level Switch - Float/Displacer Type/Paddle	III	Main Contractor approved sources			
24	Level Switch Capacitance Type	III	Main Contractor approved sources			
25	Limit Switch	III	Main Contractor approved sources			
26	Maintenance And Calibration Equipment	III	Main Contractor approved sources			
27	Mini UPS Up to 3.5 Kva	III	Main Contractor approved sources			
28	Orifice Plate Assembly	III	Main Contractor approved sources			
29	Pr./ Vacuum/ Dp Gauges	III	Main Contractor approved sources			
30	Press, Dp, Vacuum Switch	III	Main Contractor approved sources			


Prashanth Kumar
Sr. Engineer, Control Management, P-550
Patratu STP, BHEL, HYD-32


P. Prashanth

		Project : Patraru STPP 3X800 MW Package : FDPS Package Main Contractor : BHEL, Hyderabad Sub Contractor :		Sub-Vendor List for controlled Items Control & Instrumentation Items		Doc No 0	QA-C&I-FDPS-01
Contract No. : CS-9585-001-2						Rev No Date	02.04.2019
SI No.	Item	QP/ Insp. Cat.	Acceptable Supplier As Per Database	Place of Manufacturing	Approval Status	Remarks	
LEGENDS :							
1.0 SYSTEM SUPPLIER / SUB SUPPLIER APPROVAL STATUS CATEGORY							
A - For those items proposed vendor is acceptable to Customer. To be indicated with letter "A" in the list alongwith the condition of approval, if any. DR - For those items "Detailed Required" for Customer review. To be identified with letter "DR" in the list. For these items, vendor shall be proposed for owner acceptance with in the agreed contract schedule of the package							
2.0 QP INSPECTION CATEGORY :							
CAT - I : For those items the Quality Plans are approved by Customer and final acceptance will be on physical inspection witness by Customer CAT - II : For those items the Quality Plans are approved by Customer. However no physical inspection shall be done by Customer. The final acceptance by Customer shall be on the basis of review of documents. CAT - III : For those items Main supplier approves Quality Plans. The final acceptance by Customer shall be on the basis of Certificate of Conformance by main supplier.							
UNITS/WORKS : Place of main supplier of multi units/works.							
NOTES: As applicable (if required) Approval is conditional and subject to Sub QR / Provenance clearance as specified in the contract specification. Further for any change in the Technical specification at later stage vendor approval will be reviewed accordingly.							
Note 1 : For Instrument cable up to 1 KM inspection category CAT - III, For 1 KM to 2.5 KM inspection category CAT - II.							
Note 2 : For the items not appearing in the preaward list and falls in the scope of supply of the bidder, bidder and Customer will mutually discussed in future.							
Note 3 : Blank							
Note 4 : For the C & I instruments mounted on the skid of the main item or supplied as a integral part of the main item, instrument to be supplied as per proven practice of the manufacturer meeting the Customer technical specification requirement.							
Note 5 : This item is a bought out component of main equipments like DDCMIS, PLC, TSI, CCTV, PA system etc.							
Note 6 : Blank							
Note 7 : Mandatory Spares to be treated as NTPC inspection category CAT - III.							
Note 8 :							