

		Project/ परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:				LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब - वेडर के अनुमोदन सहित मदों की सूची				DOC. NO./ दस्तावेज सं.: REV. NO.: DATE/ तिथि : 08.06.2022 PAGE/ पृष्ठ : PAGE 45 OF 53	
SUB-SYSTEM उप-प्रणाली:SG(MECH)											
S. N. क्र.सं.	Item / मद	QP/ Insp. Cat. क्यूपी / निरी. श्रेणी.	QP No. / क्यूपी. सं.	QP Sub. Schedule क्यूपी उप.अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/ स्थान	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Provenness Clause (Refer Note-1)	Applicable Note
55	V/S FOR FANS	I			GERB	BANGALORE	A				
56	LOS FOR FD, PA & ID	I			PSI ENGG	CHENNAI	A				
		I			CENLUB	FARIDABAD	A				
		I			LINCOLN HEIOS	BANGALORE	A				
		I			BHEL	RANIPET	A				
		I			SOUTHERN LUBRICATION	BANGALORE	A				
		I			TA HYDRAULICS	HYDERABAD	A				
57	GATES AND DAMPER	I			BACHMANN	FARIDABAD	A				
		I			FOURESS INDIA	BANGALORE	A				
		I			INDIRA DAMPERS	RANIPET	A				
		I			KAMAL ENGG	YAMUNANAGAR	A				
		I			BACHMANN	CHENNAI			GUILLLOTINE GATE(2700 MM HEIGHT)		
-	-	I			DAMPER TECHNOLOGY INDIA PVT LTD	COIMBATORE	A				
		+			Flexatherm Expanilow Pvt.Ltd	Block No-400/B, Karjan, Vadodara	A		Gates & Dampers(Flow Area/Cross-sectional area upto 5600mm X 5600mm)		
FORMAT NO./ प्रारूप सं: QS-01-QAI-P-1B/F 1-R0						Engg. Div. / QA&I					



Project/परियोजना : LARA-II

Package/पैकेज : EPC

Supplier/आपूर्तिकर्ता:

Contract No./अनुबंध सं.:

DOC.NO./दस्तावेज सं.:

REV.NO.:

DATE/तिथि : 08.06.2022

PAGE/पृष्ठ : PAGE 46 OF 53

LIST OF ITEMS REQUIRING QUALITY PLAN

AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब -

वेडर के अनुमोदन सहित मदों की सूची

SUB-SYSTEM उप-प्रणाली:SG(MECH)

S. N. क्र.सं.	Item / मद	QP/ Insp. Cat. क्यूपी / निरी. श्रेणी.	QP No. / क्यूपी. सं.	QP Sub. Schedule क्यूपी उप.अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/ स्थान	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Provenness Clause (Refer Note-1)	Applicable Note
58	ESP	I			REFER SUB QR ITEM LIST						
59	ESP SUPPORT STRUC (AUTO WELDED COLL ROOF BEAMS)	I			NTPC APPROVED SOURCES		A		REFER BOILER STRUCTURE LIST		
60	P/A Fans	I			Bharat Heavy Electrical Limited	Ranipet	A				
		I			L&I= Howden Private limited	Hazia	A				
		I			TL.T-Turbo GmBH	Germany	A				
		I			Howden	Denmark	A				
61	ID Fans	I			Bharat Heavy Electrical Limited	Ranipet	A				
		I			TL.T Turbo GmBH	Germany	A				

FORMAT NO./ प्रारूप सं: QS-01-QAI-P-1B/F 1-R0

Engg. Div. / QA&I

		Project/ परियोजना : LARA-II		LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब - वेडर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली:SG(MECH)				DOC.NO./ दस्तावेज सं.:			
		Package/ पैकेज : EPC						REV.NO.:			
		Supplier/ आपूर्तिकर्ता:						DATE/ तिथि : 08.06.2022			
		Contract No./ अनुबंध सं.:						PAGE/ पृष्ठ : PAGE 47 OF 53			
S. N. क्र.सं.	Item / मद	QP/ Insp. Cat. कच्ची / निरी. श्रेणी.	QP No. / कच्ची. सं.	QP Sub. Schedule कच्ची उप.अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/ स्थान	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Provenness Clause (Refer Note-1)	Applicable Note
		I			L&T Howden Private Limited	Hazira	A				
		I			Howden	Denmark	A				
62	FD Fan	I			Bharat Heavy Electrical Limited	Ranipet	A				
		I			L&T Howden Private Limited	Hazira	A				
		I			TLT-Turbo GmbH	Germany	A				
		I			Howden	Denmark	A				
63	Coal Pulverisers	I			BHEL	Hyderabad	A				
		I			L&T MHPS Boilers Pvt. Ltd (L&MB) (Incl. Manufacturing Facility of L&T)	Hazira	A				
		I			Loesche Energy system India pvt ltd.	Chennai	A				
		I			Doosan Heavy Industries & Construction Co. Ltd	South Korea	A				
64	Raw Coal Feeders	I			Bharat Heavy Electricals Limited	Trichy	A				
FORMAT NO./ प्रारूप सं: QS-01-QAI-P-1B/F 1-R0						Engg. Div. / QA&I					

	Project/ परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:		LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब-वेडर के अनुमोदन सहित मदों की सूची		DOC. NO./ दस्तावेज सं.: REV. NO.: DATE/ तिथि : 08.06.2022 PAGE/ पृष्ठ : PAGE 48 OF 53	
	SUB-SYSTEM उप-प्रणाली:SG(MECH)					

S. N. क्र.सं.	Item / मद	QP/ Insp. Cat. कूपी / निरी. श्रेणी.	QP No. / कूपी. सं.	QP Sub. Schedule कूपी उप.अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/ स्थान	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Provenness Clause (Refer Note-1)	Applicable Note
		I			Schenck Process (Stock Redler India Private Limited, India)	Bengaluru	A				
		I			Merrick Industries Pvt. Ltd., India	Bengaluru	A				
		I			Yamato Scale	Japan	A				
		I			FL Smith	Haryana	A				
65	Boiler Start Up Drain Re-Circulation Pump	I			Torishima Pump Mfg Co. Ltd.,	Japan	A				
		I			Hayward Tyler Limited	UK	A				
		I			KSB AG	Germany	A				
66	Air Pre-Heaters	I			Bharat Heavy Electricals Limited	Ranipet	A				
		I			L&T Howden Private Limited	Hazira	A				
					Arvos India Pvt.Ltd.	Chennai	A				
67	Auxiliary Boiler	I			ISGEC John Thompson (JTT)	Yamuna Nagar	A				
		I			Thermax Babcock & Wilcox Ltd	Pune	A				

	Project/ परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:		LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब - वेडर के अनुमोदन सहित मदों की सूची		DOC. NO./ दस्तावेज सं.: REV. NO.: DATE/ तिथि : 08.06.2022 PAGE/ पृष्ठ : PAGE 49 OF 53
	SUB-SYSTEM उप-प्रणाली:SG(MECH)				

S. N. क्र.सं.	Item / मद	QP/ Insp. Cat. क्यूपी / निरी. श्रेणी.	QP No. / क्यूपी. सं.	QP Sub. Schedule क्यूपी उप.अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/ स्थान	Sub- suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Provenness Clause (Refer Note-1)	Applicable Note
		I			Bharat Heavy Electricals Limited & BHEL (HVPB)	Trichy, Vizag	A				
68	ESP	I			Bharat Heavy Electricals Limited	Ranipet	A				
		I			Larsen & Toubro Limited	India	A				
		I			GIE Power India	India	A				
1	ALUMINIUM CLADD	III			MAIN CONTRACTOR APPROVED SOURCES						
2	NON IBR PIPING / LP - PRESSURE UP TO 10	III			MAIN CONTRACTOR APPROVED SOURCES						
3	CASTABLE REFRACTO	III			MAIN CONTRACTOR APPROVED SOURCES						
4	POURABLE INSULATI	III			MAIN CONTRACTOR APPROVED SOURCES						
5	STEEL STRUCTURE FO DUCTS , FURNACE ENCLOSU GUIDE, STAIRS & LAD HANDRAILS, PLATFO	III			MAIN CONTRACTOR APPROVED SOURCES						
6	SILENCERS	III			MAIN CONTRACTOR APPROVED SOURCES						

FORMAT NO./ प्रारूप सं: QS-01-QAI-P-1B/F 1-R0	Engg. Div. / QA&I
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		Project/ परियोजना : LARA-II		LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब - वेडर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली:SG(MECH)				DOC.NO./ दस्तावेज सं.:			
		Package/ पैकेज : EPC						REV.NO.:			
		Supplier/ आपूर्तिकर्ता:						DATE/ तिथि : 08.06.2022			
		Contract No./ अनुबंध सं.:						PAGE/ पृष्ठ : PAGE 50 OF 53			
S. N. क्र.सं.	Item / मद	QP/ Insp. Cat. कच्ची / निरी. श्रेणी.	QP No. / कच्ची. सं.	QP Sub. Schedule कच्ची उप.अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/ स्थान	Sub- suppliers approval status / उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Provenness Clause (Refer Note-1)	Applicable Note
7	COAL PIPES & BENDS (WITHOUT CERAMIC	III			MAIN CONTRACTOR APPROVED SOURCES						
8	FITTINGS(CS, SS & AS GRADE 22)	III			MAIN CONTRACTOR APPROVED SOURCES						
9	ELECTRIC HOIST WITH TROLLEY, UNDERSLU CRANE < 05 TON CA	III			MAIN CONTRACTOR APPROVED SOURCES						
10	DUCTS	III			MAIN CONTRACTOR APPROVED SOURCES						
11	AIR RECEIVER TANK	III			MAIN CONTRACTOR APPROVED SOURCES						
12	COUPLING FOR FANS	III			MAIN CONTRACTOR APPROVED SOURCES						
13	SCAPH	III			MAIN CONTRACTOR APPROVED SOURCES						
14	OXYGEN DOSING SYS	III			MAIN CONTRACTOR APPROVED SOURCES						
15	CE & DE SUSPENSION ASSEMBLY WITH RAPPING(MECHANIC MECHANISM	III			MAIN CONTRACTOR APPROVED SOURCES						
16	PERFORATED GD PLA SCREEN	III			MAIN CONTRACTOR APPROVED SOURCES						
17	ESP SUPPORT STRUC (COLUMNS & ROOF MANUFACTURED FR ROLLED SECTIONS).	III			MAIN CONTRACTOR APPROVED SOURCES						
FORMAT NO./ प्रारूप सं: QS-01-QAI-P-1B/F-1-R0						Engg. Div. / QA&I					

		Project/ परियोजना : LARA-II		LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब - वेडर के अनुमोदन सहित मर्दों की सूची SUB-SYSTEM उप-प्रणाली:SG(MECH)			DOC. NO./ दस्तावेज सं.:				
		Package/ पैकेज : EPC					REV. NO.:				
		Supplier/ आपूर्तिकर्ता:					DATE/ तिथि : 08.06.2022				
		Contract No./ अनुबंध सं.:					PAGE/ पृष्ठ : PAGE 52 OF 53				
S. N. क्र.सं.	Item / मर्द	QP/ Insp. Cat. क्यूपी / निरी. श्रेणी.	QP No. / क्यूपी. सं.	QP Sub. Schedule क्यूपी उप.अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/ स्थान	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Provenness Clause (Refer Note-1)	Applicable Note
NOTE -1 : For final Sub-QR approval , document required to be submitted as per Sub-QR requirements given in the specification. NOTE-2: Vendors under 'A' are approved and accepted by NTPC with/without conditions in the past. Similar conditions as the case may be for the vendor shall be applicable for this project and tied up in the quality plan. NOTE-3: Predespatch inspection for Alloy/SS Grades needs to be tied up by Main contractor or Third-party inspection agency as required. NOTE-4 : (S) Review of Mill TC for Raw Material to be done by NTPC and shall be included in the QP of corresponding equipment. NOTE-5: Raw Material for 91 and above Grade Material Fittings to be from NTPC approved sources as per Raw Material vendor List. NOTE-6: For Motorized/Pneumatic actuated valves the suppliers for actuators shall be from NTPC approved list, Refer NTPC C&I list.											

	Project/ परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:		LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब - वेंडर के अनुमोदन सहित मदों की सूची		DOC. NO./ दस्तावेज सं.: REV. NO.: DATE/ तिथि : 08.06.2022 PAGE/ पृष्ठ : PAGE 53 OF 53
	SUB-SYSTEM उप-प्रणाली:SG(MECH)				

S. N. क्र.सं.	Item / मद	QP/ Insp. Cat. क्यूपी / निरी. श्रेणी.	QP No. / क्यूपी. सं.	QP Sub. Schedule क्यूपी उप.अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/ स्थान	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Provenness Clause (Refer Note-1)	Applicable Note
LEGENDS/ संकेतिका SYSTEM SUPPLIER/SUB-SUPPLIER APPROVAL STATUS CATEGORY /प्रणाली आपूर्तिकर्ता / सब - वेंडर की स्वीकृति की स्थिति की श्रेणी (SHALL BE FILLED BY एनटीपीसी द्वारा भरा जाएगा) A – For these items proposed vendor is acceptable to NTPC. To be indicated with letter “A” in the list along with the condition of approval, if any./ इन मदों के लिए वेंडर एनटीपीसी को स्वीकार्य है। अनुमोदन की शर्त, यदि कोई हो, के साथ-साथ पत्र “क” में इंगित किया जाए। DR – For these items “Detailed required” for NTPC review. To be identified with letter “DR” in the list. एनटीपीसी द्वारा इन मदों की समीक्षा के लिए “विस्तृत ब्यौरे की आवश्यकता होगी। सूची में “DR” पत्र में इंगित किया जाना चाहिए। QP/INSPN CATEGORY: क्यूपी / निरीक्षण की श्रेणी: CAT-I / श्रेणी- I: For these items the Quality Plans are approved by NTPC and the final acceptance will be on physical inspection witness by NTPC. इन मदों के लिए गुणवत्ता योजना एनटीपीसी द्वारा अनुमोदित किया जाता है और एनटीपीसी द्वारा अंतिम स्वीकृति भौतिक निरीक्षण के दौरान उपलब्ध गवाह के आधार पर दी जाएगी। CAT-II / श्रेणी- II: For these items the Quality Plans approved by NTPC. However no physical inspection shall be done by NTPC. The final acceptance by NTPC shall be on review of documents as per approved QP. इन मदों के लिए गुणवत्ता योजनाओं को एनटीपीसी द्वारा अनुमोदित किया जाता है। हालांकि एनटीपीसी द्वारा कोई भौतिक निरीक्षण नहीं किया एनटीपीसी द्वारा अंतिम स्वीकृति अनुमोदित क्यूपी के अनुसार दस्तावेजों की समीक्षा के आधार पर दी जाएगी। CAT-III/ श्रेणी-III : For these items Quality control to be exercised as per Main contractor Quality Assurance System. The final acceptance by NTPC shall be on the basis of C of Conformance (COC) by Main Contractor. UNITS/WORKS इकाईयां / कार्य: Place of manufacturing/ निर्माण का स्थान Place of Main Supplier of multi units/works/बहु- इकाइयों / कार्यों के मुख्य सलाइडर का स्थान.											

PROJECT : LARA-II (2X600MW) PACKAGE : EPC PACKAGES CONTRACTOR : CONTRACT NO. :							LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB SUPPLIER APPROVAL					REVISION NO. : 00 DATE : 08.06.2022 SUB SECTION: QA-TG(MECH)			Provenness Clause (Refer Note-1)	
Sr No	Item Description	QP Inspection Category	QP No	QP submission SCH	QP approval SCH	Proposed Sub Supplier	Country	SS Approval_Status	SS Detail Sub.SCH	SS Approval SCH	Remark	Package Applicable				
6	HP/IP/LP Stationary & Moving Blades Bar stock	I				TIPS	Chennai	A								
						MHPS	Japan	A								
						LMTG	Hazira	A								
						FUJIELECTRIC	Japan	A								
						Bohler	Austria	A								
						Bohler Schmiedetechnik	Germany	A								
						WELZWERKE REWENE	Germany	A								
						DIODO	Japan	A								
						Hitiachi	Japan	A								
						Starwire	Baliabugarh	A								
						Gloria Material Technology Corp	Taiwan	A								
						Acciaierie Valbruna S.p.a.	Italy	A								
						BGH Edelstahl GmbH	Germany	A								
						Carpenter Technology Co.	USA	A								
						Daido	Japan	A								
7	HP/IP/LP Stationary & Moving Blades Machining(From Bar)	I				Sz-metal Ravne D.o.o.	Slovenia	A								
						Einsal	Germany	A								
						Walzwerke Einsal	Switzerland	A								
						Nichia Tanko Co Ltd	Japan	A				LP Blades				
						SET	Hungary	A								
						MHPS	Japan	A								
						Leisritz-Numberg	Germany	A								
						Energietechnik Einsal	Germany	A								
						Prawest	Germany	A				FOR LP STATIONARY BLADES				
						ZEMA	Italy	A				FOR LP STATIONARY BLADES				
						LMTG	Hazira	A								
						GE	Switzerland/ Germany/ Sanand	A								
						Enem Excel	Hyderabad	A								
						TIPS	Chennai	A								
						Toshiba	Japan	A								
8	LP Forged Blades(Drop)-Material	II				BHEL (HEEP)	Haridwar	A								
						Siemens	Germany	A								
						QTPL	Bangalore	A								
						AZAD ENGG	Hyderabad	A				For Guide Blades				
						MHPS	Japan	A								
						GE	Switzerland	A								
						Leisritz Turbinenkomponenten	Germany	A								
						SMB SA	Switzerland	A				For L.I stage(Last but one) blades				
						C-BLADE SPA	Italy	A								
						BOHLER	Austria	A								
						PIETRO ROSA	Italy	A								
						MHPS	Japan	A								
						C Blade	Italy	A								
						Sumitomo (Manfg. by Sumiju Precision Forgings)	Japan	A								
			9	LP Forged Blades(Drop) Machining	I				PIETRO ROSA	Italy	A					
						Leisritz Turbinenkomponenten	Germany	A								
						Bohler	Austria	A								
						Toshiba	Japan	A								
						ALSTOM	Switzerland	A								
						AZAD ENGG	Hyderabad	A								
						Zollern	Germany	A								
						Consolidated Precision Product	Belgium	A				Previous Name ESCO				

PROJECT : LARA-II (2X600MW) PACKAGE : EPC PACKAGES CONTRACTOR : CONTRACT NO :							LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB SUPPLIER APPROVAL					REVISION NO : 00 DATE 08.06.2022 SUB SECTION: QA-TG(MECH)		
Sr No	Item Description	QP Inspection Category	QP No	QP submission SCH	QP approval SCH	Proposed Sub Supplier	Country	SS Approval_Status	SS Detail Sub.SCH	SS Approval SCH	Remark	Package Applicable	Provenness Clause (Refer Note-1)	
10	LP Cast Blades(material) & Machining	I				Formetal (sismocisco)	Italy	A						
						Juergens	Germany	A						
						GE Power Systems	Germany	A						
						IPCIL	Bhavnagar	A						
						EXCEL HITECH	Ghazrabad	A						
						AK ALLOYS	Ahmedabad	A						
11	LP Hollow Blades	I				PTC	Lucknow/	A						
							Mehsana	A						
						AMBE ENGG-	Ghazrabad	A						
						Binder	Switzerland	A						
						Prime Hi-Tech Engineering Limited	Naidupet, AP	A						
						LMTG	Hazira	A						
12	LP Inner/Outer casing Fabrication	I				BHEL (HEEP)	Hardwar	A						
						SHARP	Pune	A						
						Shape Engg.	Hardwar	A						
						GE	Croatia/	A						
							Shahabad	A						
						D&N	Germany	A						
13	LP Inner casing Casting (GGG40)	I				KCP	Chennai	A						
						ISGEC (Weight upto 38T)	Yamunanagar	A						
						GE Power sp. Z.o.o	Poland	A						
						L&T	Kanshabal	A						
						FWH Fredrich Wilhems-Hute GmbH	Germany	A						
						Heidenheimer Giessen GmbH	Germany	A						
14	LP Inner/Outer casing Machining	I				Pilsen Steel	Czech	A						
						Buderus Spezialguss GmbH	Germany	A						
						LMTG	Hazira	A						
						BHEL (HEEP)	Hardwar	A						
						TIPS	Chennai	A						
						MHPS	Japan	A						
15	LP Crossover Pipe	I				SHARP	Pune	A						
						LONE STAR	Chennai/	A						
						Hatec	Cheyyar	A						
						Rohr-und Anlagenbau (ROBA)	Germany	A						
						Seonghwa	S Korea	A						
						Dee Development	Balablagath	A						
16	Electro-Hydraulic Actuators	I				HKR	S Korea	A						
						Baby'on	Germany	A						
						Eichhoff	Germany	A						
						LMTG	Hazira	A						
						Mech engineers	Valsad	A						
						MHPS	Japan	A						
17	Hydraulic Power Pack Unit	I				GE	Germany	A						
						Horst Thiele	Germany	A						
						Bosch Rexroth	Germany	A						
						MOOG	Japan	A						
						Bosch Rexroth	Germany	A						
						Bosch Rexroth	Ahmedabad	A						
18	Actuator & Valve For CRH-NRV & OC-NRV	I				Hydac	Germany	A						
						Weir	USA	A						
						Cesure Bonetti	Italy	A						
						BABCOCK	Spain	A						

PROJECT : LARA-II (2X600MW) PACKAGE : EPC PACKAGES CONTRACTOR : CONTRACT NO :										LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB SUPPLIER APPROVAL					REVISION NO : 00 DATE 08.06.2022 SUB SECTION: QA-TG(MECH)			Provenness Clause (Refer Note-1)
Sr No	Item Description	QP Inspection Category	QP No	QP submission SCH	QP approval SCH	Proposed Sub Supplier	Country	SS Approval_Status	SS Detail Sub.SCH	SS Approval SCH	Remark	Package Applicable						
19	HP/IP/LP Shaft Seals	II				ADAMS	Germany	A			Upto 850NB & Class upto 900 special							
						BHEL	Trichy	A										
						SEMPELL	Germany	A										
						TPT	S Korea	A										
						Starwire	Baliabgarh	A			For INGOTS							
						Kolhapur Steel	Kolhapur	A										
						Silbitz Guss	Germany	A										
						StahlgußSaar	Germany	A										
						GE	Sanand	A										
						PMT	Pune	A										
20	TG Bearings	I				Wellbore	Ahmedabad	A										
						Bharat Forge	Pune	A										
						Indo air	Ahmedabad	A										
						Toshiba	Japan	A										
						GE	Germany	A			For Thrust Bearing							
						Kingbury	USA	A										
						Omega	Bhopal	A										
						Eurobearing	Italy	A										
						John Crane Bearing	Germany	A										
						BHEL (HEEP)	Haridwar	A										
21	MOP/EOP	I				Wuakesha Bearing	UK	A										
						Euro Bearings	Faridabad	A										
						Kingbury	USA	A										
						Allweiler	Germany	A										
						ABB	Switzerland	A										
						Bosch Rexroth	Germany/ Switzerland	A										
						Toshiba	Japan	A										
						Ebara Yoshikura Hydrotec Ltd.	Japan	A										
						Bosch Rexroth	Germany /Switzerland	A										
						Allweiler	Germany	A										
22	Jacking Oil Pump	I				Lestritz	Germany	A										
						MITTEN MANUFACTURING, INC	USA	A										
						PARKER HANIFIN	Japan	A										
						Allweiler	Daman	A										
						Facet	Spain	A			Coalescer Type							
						Pall Corporation	USA	A			For control fluids							
						Alfa Laval	Pune	A			Centrifuge Type							
						Hilliard	USA	A			Coalescer Type							
						Kaydon Filtration	USA	A			Coalescer Type							
						Westfalia Separator India Pvt.Ltd.	Germany/ Bangalore	A										
23	Oil Purification Unit	I				Rotring	Germany	A										
						Rockfin Group	Poland	A										
						Hydac	Germany	A										
						Boll & Kirch	Germany	A										
						Rockfin	Poland	A										
						BHEL Piping Center	Chennai	A										
						Unitech	Saharanpur	A										
						Bend Joins	Bhopal	A										
						Pal Engineering	Yamunanagar	A										
						Seonghwa	S Korea	A										
24	Duplex Oil Filter With Oil Changeover Valve	I				L&T Piping Center	Hazira	A										
						Dee Development	Baliabgarh	A										
25	Turbine Integral Piping	I																

PROJECT : LARA-II (2X600MW) PACKAGE : EPC PACKAGES CONTRACTOR : CONTRACT NO :										LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB SUPPLIER APPROVAL						REVISION NO : 00 DATE 08.06.2022 SUB SECTION: QA-TG(MECH)			Provenness Clause (Refer Note-1)
Sr No	Item Description	QP Inspection Category	QP No	QP submission SCH	QP approval SCH	Proposed Sub Supplier	Country	SS Approval_Status	SS Detail Sub.SCH	SS Approval SCH	Remark	Package Applicable							
26	Oil Module including Central Lubrication System	I				Kelag	Switzerland	A											
						VDL Delmas	Germany	A											
						Hydac India Pvt. Ltd.	Combatore	A											
						AEL	Germany	A											
						Flenco	Italy	A											
						Hydac	Germany	A											
27	Thermal Insulation	II				King Dynamics	Switzerland	A											
						Southern Lubrication	Bangalore	A											
						ENPRO	Pune	A											
						Eugen Arnold GmbH	Germany	A											
						Heinrich Tapp GmbH	Germany	A											
						Lloyds Insulation	India	A											
						Minwood Rock Fibre	Bhilai	A											
						Thermocare	Rajnandgaon	A											
						Dhanbad Rockwool Insulation	Dhanbad	A											
						Minisulate Manufacturing Co.	Jamshed	A											
						MHI	Japan	A											
						THERMAL ENGG INTERNATIONAL (TEI)	USA	A											
28	Condenser (water cooled) (Sub QR Item)	I				TIPS	Chennai	A											
						TOSHIBA CORPORATION LTD	Japan	A											
						LMITG	Surat	A											
						BHEL	Haridwar	A											
						ABFPL	Sanand	A											
						GE	Switzerland	A											
29	Condenser Fabricator (water cooled)	I				ISGEC	Yamunanagar	A											
						GE Power india Ltd	Durgapur	A											
						Godrej & Boyce Manufacturing Company Ltd.	Mumbai	A											
						TEMA India Ltd.,	Thane	A											
						TOSHIBA CORPORATION LTD	Japan	A											
						TIPS	Chennai	A											
30	HP Heaters (Sub QR Item)	I				SPX Heat Transfer Inc. (Erstwhile Yuba Heat Transfer)	USA	A											
						GE	France	A											
						ABFPL	Sanand	A											
						BHI	S Korea	A											
						THERMAL ENGG INTERNATIONAL	USA	A											
						HOLTEC	USA	A											
31	LP/HP Heater Fabricator	I				I&T	Hazira	A											
						BHEL	Hyderabad	A											
						ISGEC	Yamunanagar	A											
						Godrej & Boyce Manufacturing Company Ltd.	Mumbai	A											
						TEMA India Ltd.	Thane	A											
						TOSHIBA CORPORATION LTD	Japan	A											
32	LP Heaters (Sub QR Item)	I				TIPS	Chennai	A											
						SPX Heat Transfer Inc. (Erstwhile Yuba Heat Transfer)	USA	A											
						GE	Switzerland	A											
						ABFPL	Sanand	A											
						BHI	S Korea	A											

PROJECT : LARA-II (2X600MW) PACKAGE : EPC PACKAGES CONTRACTOR : CONTRACT NO :							LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB SUPPLIER APPROVAL					REVISION NO : 00 DATE 08.06.2022 SUB SECTION: QA-TG(MECH)		Provenness Clause (Refer Note-1)	
Sr No	Item Description	QP Inspection Category	QP No	QP submission SCH	QP approval SCH	Proposed Sub Supplier	Country	SS Approval_Status	SS Detail Sub.SCH	SS Approval SCH	Remark	Package Applicable			
						THERMAL ENGG INTERNATIONAL	USA	A							
						BHEL	Hyderabad	A							
						L&T	Hazira	A							
						HOLTEC	USA	A							
						KSB	Chinchwad, Pune	A							
33	Condensate Extraction Pump (CEP) (Sub QR Item)	1				BHEL	Hyderabad	A							
						SULZER Pumps	Mumbai	A							
						Clyde Pumps India pvt. Ltd.	Ghaziabad	A							
						GARDNER Denver/Nash	Germany	A							
34	Condenser Air Evacuation Pumps (Sub QR Item)	1				GARDNER Denver/Nash	Pune	A							
						Tsurumi pumps	Japan	A							
						Edwards	UK	A							
						TJPS	Chennai	A							
35	Deaerator (Sub QR Item)	1				BHEL	Hyderabad	A							
						BGR	Chennai	A							
						Godrej	Mumbai	A							
						ISGEC	Yamunagar	A							
36	Deaerator Fabricator	1				Altech	Bhiwadi	A							
						TEMA India Ltd.,	Mumbai	A							
						BGR Energy System Ltd	Chennai	A							
						KSB	Germany	A							
						KSB	Pune	A							
						Sulzer Pumps	Mumbai	A							
						Sulzer	UK	A							
						Flowsolve	Switzerland	A							
37	Booster Pump	1				FLOWERVE	Combatore	A							
						Flowsolve	Spain	A							
						Hitaichi	Japan	A							
						Ebara Corporation	Japan	A							
						MHI	Japan	A							
						BHEL	Hyderabad	A							
						Ebara Corporation	Japan	A							
						Flowsolve	Spain	A							
						KSB	Germany	A							
						KSB	Pune	A							
						Mitsubishi Heavy Industry	Japan	A							
38	Boiler Feed Pump (BFP) (Sub QR Item)	1				HITACHI PLANT TECHNOLOGY	Japan	A							
						BHEL	Hyderabad	A							
						Sulzer Pumps	Mumbai	A							
						SULZER	UK	A							
						Siemens	Germany	A							
						Hitaichi	Japan	A							
						GE Thermodyne	France	A							
						GE India Industrial Pvt. Ltd.	Pune	A							
						Toshiba	Japan	A							
40	Drive Turbine for BFP	1				TJPS	Chennai	A							
						Power machines(Kaluga)	Russia	A							
						BHEL	Hyderabad	A							
						MHI	Japan	A							
						Skoda	Czech republic	A							
						CCI	Sweden/ Switzerland/ Czech Republic	A							
41	HP Reverse Valves (Sub QR Item)	1													

PROJECT : LARA-II (2X600MW) PACKAGE : EPC PACKAGES CONTRACTOR : CONTRACT NO :							LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB SUPPLIER APPROVAL					REVISION NO : 00 DATE 08.06.2022 SUB SECTION: QA-TG(MECH)			Provenness Clause (Refer Note-1)
Sr No	Item Description	QP Inspection Category	QP No	QP submission SCH	QP approval SCH	Proposed Sub Supplier	Country	SS Approval_Status	SS Detail Sub.SCH	SS Approval SCH	Remark	Package Applicable			
48	HP Pipes and Fittings (Mills)	II				Tenaris	Italy	A							
						V&M	Germany	A							
						V&M	France	A							
						IBF	Italy	A							
						SUNGWANG BEND	S Korea	A			UP TO 24INCH IN CS/AS MATERIAL				
						Productos Tubulares	Spain	A							
						JFE	Japan	A							
						Benlier	Germany	A							
						TK CORPORATION	S Korea	A			UP TO 24INCH IN CS MATERIAL				
						TUBOS REUNIDOS	Spain	A							
49	Elastomer Large Bellows or Flexibles Rubber Bellows	I				MEGA	Italy	A							
						Petrol Raccord,	Italy	A			For Fittings Only				
						Benkan Japan KK	Japan	A			UP TO 24INCH IN CS MATERIAL & UP TO 18 INCH IN AS MATERIAL				
						Con Engineers Pvt. Ltd	Chennai	A			UP TO 24INCH IN CS MATERIAL				
						SRM Ecoflex	Kolkata	A			UP TO 2700 NB				
						KSB	Germany	A			UP TO 2700 NB				
						Nasosenergomash	Ukraine	A							
						Sulzer Pumps	Mumbai	A							
						KSB	Pune	A							
						Hyundai	S Korea	A							
50	Heater Drains Recovery Pumps (Drip Pump)	I				KBL	Pune	A							
						Flowsolve	Coimbatore	A							
						GEA-BGR	Chennai	A							
						Multitex	Gr. Noida	A			SS				
						Remi	Tarapur, India	A			SS (up to 150NB)				
						Apex	Alwar	A			SS				
						Ratnamani	Ahmedabad	A			CS (up to 400 NB)				
						ISMT	India	A			CS (up to 400 NB)				
						Maharashtra Seamless Ltd.	Maharashtra	A			CS (up to 400 NB)				
						Tube Products Incorporate	Ahmedabad	A							
52	LP Pipes & Fittings (CS & SS)	I				TK Corporation	S Korea	A							
						Dee development	Palwal	A							
						Jindal Saw	India	A			CS (up to 400 NB)				
						Tata	India	A			ERW				
						Surya	India	A			ERW				
						JINDAL PIPES LTD	India	A			ERW				
						WELSPUN	India	A			ERW				
						Lalit Pipes & pipes Ltd.,	Thane	A			ERW Pipes				
						Ratnamni Metals and Tubes Ltd.,	Gandhinagar	A			ERW Pipes				
						Fourss Engg. *	Bangalore	A			upto 2600 NB				
53	Butterfly Valves (* Also for steam services)	I				IL *	Palakkad	A			upto 2200 NB				
						BHEL *	Bhopal, India	A							
						Kriloskar Bros. Ltd	Pune	A							
						L&T	Chennai	A							
						Trilium Flow	Hubli	A							
						Tyco	Halol	A							
						L&T	Coimbatore	A							
						Intervalve	Pune	A							
						L&T	Chennai/	A							
						Coimbatore	Coimbatore	A							
			Velan	Coimbatore	A										

PROJECT : LARA-II (2X600MW) PACKAGE : EPC PACKAGES CONTRACTOR : CONTRACT NO :		LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB SUPPLIER APPROVAL										REVISION NO : 00 DATE 08.06.2022 SUB SECTION: QA-TG(MECH)	
Sr No	Item Description	QP Inspection Category	QP No	QP submission SCH	QP approval SCH	Proposed Sub Supplier	Country	SS Approval_Status	SS Detail Sub.SCH	SS Approval SCH	Remark	Package Applicable	Provenness Clause (Refer Note-1)
54	Valves (gate/ globe/check) for LP application	I				KSB	Germany/ Coimbatore	A					
						ToA	Japan	A					
						Fourss Engg	Aurangabad	A					
						Trillium Flow	Hubli	A					
						Crane	USA	A					
						Sanshin	S Korea	A					
						KBL	Pune	A					
						Weir	UK	A					
						Leader	Jalandhar	A					
						BHEL	Trichy	A					
55	HP Feedwater Heaters Automatic (String Bypass) Isolation Valves	I				Pentair (Tyco Sempel)	Trichy	A					
						HP Valves(Key Valves Technology)	Netherlands	A					
						IL	Palakkad	A					
						Steel Strong	Mumbai	A					
						KSB	Germany	A					
						Tyco Sempel	Germany	A					
						Struck	Germany	A					
						BHEL	Trichy	A					
						Weir Valves & Controls UK Ltd	UK	A					
						KSB	Germany / Coimbatore	A					
56	Water Steam Cycle HP Valves	I				L&T	Chennai	A					
						L&T	Coimbatore	A					
						Velan	Coimbatore	A					
						HP Valves	Netherlands	A					
						Weir Valves & Controls UK Ltd	UK	A					
						BHEL	Trichy	A					
						Crane	USA	A					
						Sanshin	S Korea	A					
						Pentair(Tyco Sempel)	Germany	A					
						Velan	Canada	A					
57	Safety Valves	I				ToA	Japan	A					
						Tyco	USA	A					
						BHEL	Trichy	A					
						Dresser	USA	A					
						Tyco	USA	A					
						Babcock	Spain	A					
						Flanger	Germany	A					
						Bopp & Reuther	Germany	A					
						Flanger	Nasik	A					
						Reineke	Germany	A					
58	Forged Steel Valves up to 2" , Class 800 (FC/FSS)	I				Valve Technology	USA	A					
						KSB	Coimbatore	A					
						Leader	Jalandhar	A					
						L&T	Chennai	A					
						Velan	Canada	A					
						Fourss Engg	Ahmadnagar	A					
						Trillium Flow	Hubli	A					
						Velan	Canada	A					
						Steel Strong	Mumbai	A					
						L&T	Coimbatore	A					
						Plymouth	USA	A					

PROJECT : LARA-II (2X600MW) PACKAGE : EPC PACKAGES CONTRACTOR : CONTRACT NO. :						LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB SUPPLIER APPROVAL					REVISION NO. : 00 DATE 08.06.2022 SUB SECTION: QA-TG(MECH)		Provenness Clause (Refer Note-1)	
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59	Condenser Tubes	I				Ratnamani	Kutchh	A						
						Neotiss Limited	Medak,AP	A			Remarks Formerly Vallourec Heat exchanger Tubes Lid/ CST Vallinox Ltd.			
						REMI Edelstahl Tubulars Ltd.	Tarapur	A						
						Shin han Metal	S Korea	A						
						Valimat	France	A						
60	HP/LP Heater tubes	I				Nippon Steel Corp.	Japan	A						
						Rainadeep Metal & Tubes Ltd	Mehsana	A						
						Scholler Werke GmbH	Germany	A						
						Plymouth	USA	A						
						Ratnamani	Kutchh	A						
						Ratnamani	Mehsana	A						
						Valimat	France	A						
						Nippon Steel Corp.	Japan	A						
						Scholler Werke	Germany	A						
						Heavy Metals and Tubes	Gandhinagar	A						
61	Hydrogen Generation Plant (Sub-QR Item)	I				Shin han Metal	S Korea	A			LP Heater			
						Apex	Alwar	A			LP Heater			
						Rainadeep Metal & Tubes Ltd	Mehsana	A			LP Heater			
						REMI Edelstahl Tubulars Ltd.	Tarapur	A						
						Neotiss Limited	Medak,AP	A			Remarks Formerly Vallourec Heat exchanger Tubes Lid/ CST Vallinox Ltd			
						Proton Energy Systems	USA	A						
						MVS ENGINEERING LIMITED	New Delhi	A			Bi-polar type, 2x6NM3/Hr			
						SUKAN ENGG. PVT. LTD	Mumbai	A			Bi-polar type, 2x6NM3/Hr			
						Eastern Electrolyzer Limited	Noida	A			Bi-polar type, 2x6NM3/Hr			
						Telehne Energy System Inc.	USA	A			Bi-polar type, 2x6NM3/Hr			
						AIROX NIGEN EQUIPMENTS LTD	Ahmedabad	A						
						Electrolser Corporation	Canada	A						
						BOC	Kolkata	A						
			Main Contractor Approved Sources(Not-3)											
1	Turbine Bearing Pedestal	I				Main Contractor Approved Sources								
2	Chemical Dosing System	I				Main Contractor Approved Sources								
3	Vapour Exhauster With Motor	II				Main Contractor Approved Sources								
4	Drain Cooler & Misc Tanks	II				Main Contractor Approved Sources								
5	Oxygen/NaOH Dosing System	II				Main Contractor Approved Sources								
6	Misc Items like Internals of equipments(if not covered in MQP) & Consumables like paints, gaskets etc.	III				Main Contractor Approved Sources								
NOTE - 1 : For final Sub-QR approval , document required to be submitted as per Sub-QR requirements given in the specification.														
NOTE-2: Vendors under 'A' are approved and accepted by NTPC with/without conditions in the past. Similar conditions as the case may be for the vendor shall be applicable for this project and tied up in the quality plan.														
NOTE-3: Main contractor approved sub vendors evaluated / assessed as per Main contractor Quality Management System is acceptable.														
LEGENDS/ संकेतिका														
* - Inspection category will be decided during vendor evaluation.														
I-0 SYSTEM SUPPLIER / SUB SUPPLIER APPROVAL STATUS CATEGORY प्रणाली आपूर्तिकर्ता / सब-सप्लायर की स्वीकृति की श्रेणी														
A – For these items proposed vendor is acceptable to NTPC. To be indicated with letter "A" in the list along with the condition of approval. if any./ इन मदों के लिए प्रस्तावित वेडर एप्टीफिकसी को स्वीकार्य है। अनुमोदन की शर्त , यदि कोई हो, के सामनाय पर "A" में इंगित किया जाए। I														

 एन टी पी सी NTPC		PROJECT : LARA-II (2X600MW)					LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB SUPPLIER APPROVAL					REVISION NO : 00	
		PACKAGE : EPC PACKAGES										DATE 08.06.2022	
		CONTRACTOR :										SUB SECTION: QA-TG(MECH)	
		CONTRACT NO :											
Sr No	Item Description	QP Inspection Category	QP No	QP submission SCH	QP approval SCH	Proposed Sub Supplier	Country	SS Approval_Status	SS Detail Sub.SCH	SS Approval SCH	Remark	Package Applicable	Provenness Clause (Refer Note-1)
2.0 QP INSPECTION CATEGORY : स्वी/ निरीक्षण की श्रेणी:													
CAT - I : For those items the Quality Plans are approved by Customer and final acceptance will be on physical inspection witness by Customer.इन मदों के लिए गुणवत्ता योजनाओं को एनटीपीसी द्वारा अनुमोदित किया जाता है और एनटीपीसी द्वारा अंतिम स्वीकृति भौतिक निरीक्षण के दौरान उपलब्ध गवाह के आधार पर दी जाएगी।													
CAT - II : For these 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. इन मदों के लिए गुणवत्ता योजनाओं को एनटीपीसी द्वारा अनुमोदित किया जाता है। हालांकि एनटीपीसी द्वारा कोई भौतिक निरीक्षण नहीं किया जाएगा। एनटीपीसी द्वारा अंतिम स्वीकृति अनुमोदित व्युत्पन्न के अंतर दस्तावेजों की समीक्षा के आधार पर दी जाएगी।													
CAT - III : For these items Quality control to be exercised as per Main contractor Quality Assurance System. The final acceptance by NTPC 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.													



S. No. क्र.सं.		Item / मद	INDICATIVE LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL इंवालिटी प्लान तथा सब-सप्लायर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली: BOP SYSTEMS (MECHANICAL)		DOC. NO./ दस्तावेज सं.: REV. NO.: DATE/ तिथि : 08.06.22 PAGE/ पृष्ठ :		Applicable Systems			
			QP/ Insp. Cm. स्टाफ़/ निरी. श्रेणी.	QP No./ क्र.सं.	QP Sub- Schedule क्र.सं. उप-अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी (NOTE:- 1) A A A A A	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks / टिप्पणी	
1		AIR BLOWERS -LOBE TYPE > = 5KW	1			SWAM PNEUMATIC EVEREST BLOWERS PVT LTD KAY INTERNATIONAL KULKARNI POWER TOOLS USHA COMPRESSORS			UP TO 40 HP (APPROX 1600 CUM/HR) UP TO 4800 CUM/HR UP TO 2500CUM/HR UP TO 60 HP (APPROX 2000CUM/HR)	WTP,CPU,AHP
2.A		EOT CRANE & ELECTRIC HOIST >5 MT				REVA INDUSTRIES EDDY CRANE CONSOLIDATED HOIST ELECTROTHERAPHY HERCULES HOIST TUBRO FERGUSSON PRAYAS ENGG (PBL) ALPHA SERVICES CENTURY CRANE ENGINEERS PVT. LTD	A A A A A A A A A		UP TO 60 MT UPTO 10 MT SATARA UP TO 20 MT,*PUNE FOR ELECTRIC HOIST UPTO 15 MT UPTO 15 MT FOR ELECTRIC HOIST ONLY UPTO 15 MT FOR ELECTRIC HOIST ONLY UP TO 20MT FOR EOT, UP TO 5 MT FOR FOR ELECTRIC HOIST UPTO 10 MT FOR ELECTRIC HOIST ONLY SINGLE GIRDER EOT CRANE & ELECTRIC HOIST UPTO 15 MT ONLY, GEARBOX FROM	WTP,CT,AC&VENTILATI ON,CHP,LHP&GHP,AHP, CW, FDPs
2.B		GANTRY CRANE >5T				ARMSEL TRACTEL TIRFOR MILLARS INDIA AVON CRANES GRIP ENGINEERS GRIP ENGINEERS CRANEX REVA INDUSTRIES UNIQUE INDUSTRIAL HANDLERS PVT LTD ANUPAM INDUSTRIES LTD. SMACO ENGINEERING PVT.LTD	A A A A A A A A A A A		UPTO 10 MT EOT & UPTO 15 MT ELECTRIC HOIST UPTO 15 MT FOR ELECTRIC HOIST AND UPTO 10 MT FOR EOT UP TO 25 MT UP TO 25 MT 50 MT (GEARBOX FROM NTPC APPROVED SOURCES FOR EOT CRANE), UPTO 20 MT ELECTRIC HOIST ONLY UP TO 140 MT FOR EOT ONLY	CW
3		FAN-AXIAL TYPE > = 5KW				MANGLA HOIST CB DOCTOR VENTILLATOR PVT LTD HOWDEN SOLYVENT FLAKT INDIA PVT LTD, C DOCTOR &CO PVT LTD KRUGER VENTILATION INDUSTRIES (I) PVT LTD NADI AIRTECHNICS PVT LTD	A A A A A A		UP TO 10MT up to 50000 CMH up to 125000 CMH up to 50000 CMH Up to 6000 CMH Up to 15000 CMH	WTP,CT,AC&VENTILATI ON,CHP,LHP&GHP,AHP



Project/ परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:		INDICATIVE LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL स्वालिदी खान तथा सब -वेडर के अनुमोदन सहित मडों की सूची SUB-SYSTEM उप-प्रणाली: BOP SYSTEMS (MECHANICAL)		DOC No./ दस्तावेज सं.: REV. No.: DATE/ तिथि : 08.06.22 PAGE/ पृष्ठ :				
Item / मड	QP No./ स्फूरी. सं.	QP Sub- Schedule स्फूरी उप.अनुसूचि	Proposed sub-supplier / प्रस्तावित उप आपूर्तिकर्ता	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी (NOTE:- 1)	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks / टिप्पणी	Applicable Systems	
4	PIPES-MS- (BLACK/ GI) AS PER IS:3589 >1000NB	1				up to 40000 CMH	CW,CT,MUW	
				ADVANCE VENTILATION PVT LTD	A			
				SK SYSTEMS PVT LTD	A			up to 50000 CMH
				ALMONAROD (P) LIMITED	A			Up to 14000 CMH
				STEEL AUTHORITY OF INDIA LIMITED	A			
				WELSPUN	A			SAW UP TO 2600 NB
				WELSPUN	A			SAW UP TO 1300 NB
				MAN INDUSTRIES	A			SAW UP TO 1400 NB
				SAMSHI	A			SAW 450 TO 2540 NB
				MUKAT TANKS & VESSELS	A			SAW 200 TO 1200 NB
5	PIPES & FITTINGS=GRP	1					WTP,CT	
				MUKAT PIPES	A			SAW UP TO 1800 NB
				LALIT PIPES AND PIPES LTD	A			SAW 350 TO 1400 NB
				RATNAMANI	A			SAW 600 TO 2600 NB
				RATNAMANI	A			SAW 400 TO 3600 NB
				PSL HOLDINGS LIMITED	A			SAW 450 TO 1600 NB
				PSL INTERNATIONAL LTD.	A			SAW 450 TO 1600 NB
				PSL LIMITED	A			SAW 450 TO 1600 NB
				PSL LIMITED	A			SAW 450 TO 1600 NB
				JCO PIPES	A			SAW UP TO 1600 NB
6	SERVICE VESSEL-CPU & OTHER PR VESSELS >= 10 BAR WORKING PRESSURE	1					WTP,CPU,CAS,CHP, LHP&GHP,AHP	
				SURYA GLOBAL STEEL TUBE LTD	A			SAW UP TO 2032 OD
				CAPACITE STRUCURES PVT LTD	A			4064 MM TO 3874 MM OD
				EPP COMPOSITES PVT LTD	A			UP TO 900MM
				GRAPHITE INDIA	A			UP TO 1000MM
				SHRIRAM SEPL COMPOSITES LTD	A			UP TO 1100MM
				BALAJI FIBER REINFORCE PVT LIMITED	A			UP TO 650MM
				MEGHA FIBRE GLASS INDUSTRIES PVT LTD	A			UP TO 900MM
				DRIPLEX WATER ENGINEERING INTERNATIONAL PVT. LIMITED	A			UP TO 3000MM DIA & THICKNESS UP TO 28 MM
				BGR ENERGY SYSTEMS LTD (ENVIRONMENTAL ENGG. DIV.)	A			UP TO 2900 MM DIA & THICKNESS UP TO 28 MM
	ISHAN EQUIPMENTS PRIVATE LIMITED	A		DIA 2800MM, THICKNESS 25MM DESIGN PRESSURE:UP TO 47.5 KSC				
	JASMINO POLYMERTECH PVT LTD	A		UP TO 3200MM DIA & THICKNESS UP TO 30 MM				
	BELCO POLLUTION CONTROL PVT LTD	A						



S. N. क्र.सं.		Project/परियोजना : LARA-II Package/पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:	INDICATIVE LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL इवालिटी प्लान तथा सब -सप्लर के अनुमोदन सहित मर्च की सूची SUB-SYSTEM उप-प्रणाली: BOP SYSTEMS (MECHANICAL)	DOC NO./ दस्तावेज सं.:	REV. NO.:	DATE/ तिथि : 08.06.22	PAGE/ पृष्ठ : Place/ स्थान :	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी (NOTE- 1)	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Applicable Systems
7		PUMPS- HORIZONTAL & VERTICAL CENTRIFUGAL -UP TO 300KW	QP / Insp. Cat. सूची/ निरी. श्रेणी.	QP No./ सूची सं.	QP Sub. Schedule सूची उप-अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	KIRLOSKARWADI	A			WTP,CW, CPU,FDPs,CHP, LHP &GHP,AC & VENTILATION,MUW AHP
						WILLO MATHER & PLATT	PUNE	A			
						WILLO MATHER & PLATT	KOLHAPUR	A			
						SAM TURBO	COIMBATORE	A		FLOW UP TO 1500 CUM/HR AND POWER RATING UP TO 425 KW	
						FLOWMORE LTD	GHAZIABAD	A			
						BEST AND CROMPTON	CHENNAI	A			
						JYOTI LTD	VADODARA	A			
						WPIL	GHAZIABAD	A			
		(UP TO 60 KW CAT-II, ABOVE 60 KW CAT-I)				KISHORE PUMPS	PUNE	A		UPTO 500M3/HR ONLY RUBBERLINED PUMPS ALSO	
						GRUNDFOS PUMPS INDIA PVT LTD	CHENNAI	A		HORIZONTAL UP TO 30 KW ONLY AND VERTICAL UP TO 45 KW ONLY (FOR	
						SINTECH PRECISION	GHAZIABAD	A		HORIZONTAL UP TO 400 KW MOTOR RATING AND VERTICAL UP TO 30 KW MOTOR RATING	
						KSB	PUNE	A			
						KSB	NASHIK	A			
						FLOWERVE INDIA CONTROLS PVT LTD	COIMBATORE	A		HOIZONTAL CENTRIFUGAL PUMP UP TO 75 KW ONLY	
						SU MOTOR	MUMBAI	A		HORIZONATL UPTO 500M3/HR ONLY RUBBERLINED PUMPS AND VERTICAL CENTRIFUGAL PUMPS UP TO 100CMH ONLY	
						BHARAT PUMPS AND COMPRESSORS	NAINI	A		FLOW UP TO 2200 M3/HR AND HEAD UP TO 60 MWC	WTP, CW
8		PUMPS -H/T -UP TO 300KW	I			FLOWMORE LTD	GHAZIABAD	A			
						KIRLOSKAR BROTHERS LIMITED	KIRLOSKARWADI	A			
						WPIL LTD	KOLKATA	A			
						WPIL LTD	GHAZIABAD	A			
						JYOTI LTD	VADODARA	A			
						XYLEM WATER SOLUTIONS INDIA PVT LTD	VADODARA	A			
						FLOWERVE INDIA CONTROLS PVT LTD	COIMBATORE	A		UP TO 1025 KW	
						SINTECH PRECISION	GHAZIABAD	A			
						WILLO MATHER & PLATT	PUNE	A			
9A		VALVE-DUAL PLATE CHECK > 600MM OR CLASS > 300 (VALVE-DUAL PLATE CHECK UP TO 600MM & CLASS 300: CAT-II & MAIN CONTRACTOR APPROVED SOURCES)				ADVANCE VALVE PVT LTD	GR. NOIDA	A		DUAL PLATE CHECK VALVES CI UPTO 1000 NB CLASS 125, DUPLEX SS UP TO 600NB CLASS 600, UP TO 900MM CLASS 150 ,SS 200NB CLASS#300	WTP,CW CPU,FDPs,CAS,LP PIPING
			I			LEADER VALVES	JALANDHAR	A			



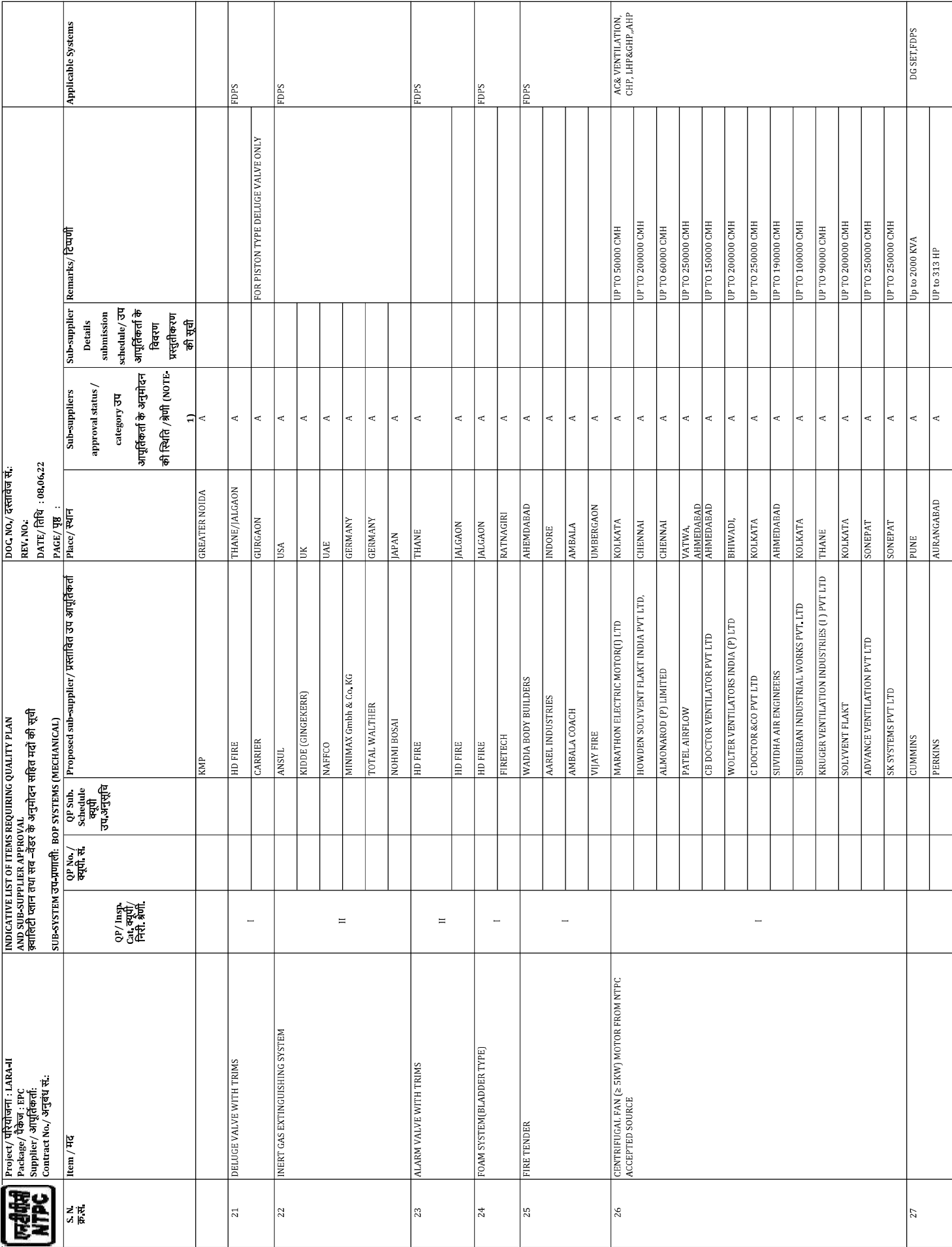
S. N. क्र.सं.		Project/ परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:	INDICATIVE LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL स्वालिटी प्लान तथा सब-सप्लायर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली: BOP SYSTEMS (MECHANICAL)	DOC NO./ दस्तावेज सं.: REV. NO.: DATE/ तिथि : 08.06.22 PAGE/ पृष्ठ :	Applicable Systems				
Item / मद	QP / Insp. Cat. क्यूटी/ निरी. श्रेणी.	QP No./ क्यूटी सं.	QP Sub. Schedule क्यूटी उप-अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप-आपूर्तिकर्ता	Place/ स्थान	Sub-suppliers approval status / category उप- आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी (NOTE- प्रस्तुतीकरण की सूची	Sub-supplier Details submission schedule/ उप- आपूर्तिकर्ता के विवरण	Remarks/ टिप्पणी	
9.B	VALVE-BALL > 100 MM OR CLASS > 800; (VALVE-BALL UP TO 100 MM & CLASS 800-CAT-II & MAIN CONTRACTOR APPROVED SOURCES)	1		R & D MULTIPLE	VALSAD	A		CI/ CS UP TO 800NB PN 10	
				TRILLIUM FLOW	HUBLI	A		SS BALL VALVES UP TO 500MM AND CLASS #600, CS BALL VALVES UP TO 250 MM AND CLASS# 900, CS/ SS BALL VALVES UP TO 100 MM AND CLASS # 1500.	WTP, CPU,FDPs,CAS,FOH,CHP, LHP&GHP,AHP
				MICRO FINISH VALVES PVT. LTD.	HUBLI	A		400NB CLASS#600 AND UP TO 600NB CLASS#300	
				FLOW CHEM INDUSTRIES	KALOL	A		100NB CLASS#600,200NB CLASS#300, 50 NB CLASS#800	
				L&T VALVES LIMITED	COIMBATORE	A		UP TO 150NB, CLASS #150/300, AND UP TO 50NB, CLASS #800	
9.C	VALVE-BUTTERFLY > 600MM OR CLASS>150 (VALVE-BUTTERFLY UP TO 600MM & CLASS 150:-CAT-II & MAIN CONTRACTOR APPROVED SOURCES)	1		PRECISION ENGG CO VALVES PVT LTD	NASIK	A		FCs UP TO 50NB CLASS 800, CCS UP TO 400NB CLASS 150.	
				BELGAUM AQUA VALVE PVT LTD	BELGAON	A		FCs UP TO 50NB CLASS 800, CCS UP TO 200NB CLASS 150.	
				G M ENGINEERING PRIVATE LTD	RAJKOT	A		UP TO 400 NB AND CLASS #600	
				INTERVALVE POONAWALA LTD	PUNE	A		SGI / CI / D2 1400MM PN10, SGI / CI 1000MM PN16/CS/SS 500MM PN16, SS 400MM CLASS#300, MS FABRICATED UP TO 2800NB, PN6.	WTP, CW,CT,CPU,FDPs,CAS, AC& VENTILATION, MUW/CHP, LHP&GHP,LP PIPING,AHP
				TRILLIUM FLOW	HUBLI	A		CI/ DI BUTTERFLY VALVE UP TO 1000MM AND PN16 AND UP TO 1800MM AND PN10/CCS UP TO 1050MM CLASS 150 AND UP TO 1800MM AND PN16 SS • UP TO 400NB PN-16 ,FABRICATED 800MM CLASS#150.	
				PENTAIR VALVES	HALOL	A		FOR SS UP TO 500 NB PN-10, CI-UP TO 900NB PN-10, UP TO 500NB PN-16, 450MM CLASS#300, MS FABRICATED UP TO 2800NB, PN6.	
				FOURES ENGINEERING	BANGALORE	A		CAST SGI/CI/ MS FABRICATED• UP TO 1200 PN-10, UP TO 350 PN-16, 2400 MM	
				KIRLOSKAR BROTHERS LTD	KONDHAPURI	A		CAST SGI/ CI/CS 1400 MM PN16, SS 300 MM PN16, 1800MM CLASS 150, MS FABRICATED	
				R & D MULTIPLE	VALSAD	A		900 NB PN40,MS FABRICATED 2800NB, PN6, CAST SGI/CI/MS FABRICATED-UP TO 1800 MM PN-40/CLASS # 75, .1100MM	
				ADVANCE VALVES PVT LTD	GREATER NOIDA	A		PN25,1400MM CLASS#150,MS,FABRICATED METAL SEATED, TRIPLE ECCENTRIC, SS BFW OF SIZE UP TO 100NB, AND PRESSURE RATING UP TO CLASS #300.	
				BRAY CONTROLS INDIA PVT. LTD	KANCHIPURAM	A		UP TO 450 MM AND CLASS#600	
				INSTRUMENTATION LTD.	PALAKKAD	A		UP TO 2200NB CLASS # 75	
				HAWA ENGINEERS	AHMEDABAD	A		CI/ CS & FABRICATED UP TO 1200MM, CLASS #150, SS UP TO 250MM, CLASS#150 UP TO 900MM PN10	
CRANE PROCESS FLOW	SATARA	A							
L & T VALVES LIMITED DEMBLA VALVES	COIMBATORE THANE	A A		UP TO 900MM CLASS 150 UP TO 2200MM CLASS#75					



रत्नमीसी NTPC		Project/परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:	INDICATIVE LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL स्वालिटी प्लान तथा सब-सप्लायर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली: BOP SYSTEMS (MECHANICAL)	DOC NO./ दस्तावेज सं.: REV. NO.: DATE/ तिथि : 08.06.22 PAGE/ पृष्ठ :				Applicable Systems
S. No. क्र.सं.	Item / मद	QP No./ क्र.पं. सं.	QP Sub, Schedule सूची उप-अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी (NOTE- 1)	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks / टिप्पणी	
9.D	VALVE-CONVENTIONAL GATE / GLOBE / CHECK > 600NB OR CLASS > 300			LEADER VALVES	A		CS GATE 600MM CLASS#600, SS GLOBE 600MM CLASS#600, CS CHECK 600MM AND CLASS#600 FCS / FSS 50 NB CLASS 800, 400NB CLASS 600 AND 50NB CLASS 800, GATE UP TO 300 NB CLASS 600, GLOBE 250 NB CLASS 400, CHECK 150NB CLASS 600, 50 NB CLASS 800, 300NB CLASS 2500, CS GATE 900 NB CLASS 600, CHECK 300 NB CLASS 600, 650 MM CLASS 600, 50 NB CLASS 800, CONVENTIONAL CCS GATE / GLOBE / CHECK VALVES UP TO 600MM AND CLASS # 1500, CSS GATE/ GLOBE/ CHECK VALVES UP TO 200MM AND CLASS # 600, FCS GATE / GLOBE / CHECK AND VALVES UP TO 50MM AND CLASS # 2500, UP TO 300NB PN10 UPTO 250 NB • PN 10, 350MM PN6 UPTO 200 NB AND PN 10/CLASS #150	WTP, CW,CT,CPU,FDPS,CAS, AC& VENTILATION, MCUW/CHP, LHP&GHP,LP PIPING,AHP
9.E	VALVE- DIAPHRAGM TYPE			GRANE PROCESS FLOW WEIR BDK PROCON ENGINEERS	A A A			WTP,CPU
9.F	VALVE-PLUG > 100 MM OR CLASS > 800(VALVE- PLUG UP TO 100 MM & CLASS 800-CAT-II & MAIN CONTRACTOR APPROVED SOURCES)			TRILLIUM FLOW	A		SOFT SEATED 400MM AND CLASS #150, 300NB CLASS#300 UP TO 600MM AND CLASS#300 METALLIC SEATED 400NB CLASS#150, 300NB CLASS #300, 50NB CLASS #800 130 KW UP TO 235 KW	WTP,CPU,CHP, LHP&GHP, FOH,AHP
10	PUMP -SUBMERSIBLE>= 30KW			XOMOX SANMAR FLOWSERVE INDIA CONTROLS KSB KIRLOSKAR BROTHERS LTD AQUA MACHINERY	A A A A A			WTP,CT,CPU,CHP, LHP&GHP, FOH,AHP,LP PIPING,FDPS
11	RUBBER EXPANSION JOINT>=1600NB (RUBBER EXPANSION JOINT < 1600NB: CAT-II & MAIN CONTRACTOR APPROVED SOURCES) FAN ASSEMBLY-COOLING TOWER			WPIL CORI ENGINEERS PVT LTD	A A		UPTO 2800 MM	ACW, ECW, CW,CT
12				SRM EXOFLEX PVT LTD PAHARPUR COOLING TOWERS LTD PAHARPUR COOLING TOWERS LTD PAHARPUR COOLING TOWERS LTD M/s MAYA FANS AIR ENGG PVT LTD, AMALGAMATED INDUSTRIAL COMPOSITES PVT LTD	A A A A A A		UPTO 2800 MM WITH SOLID FAN BLADES 288" AND 336 " DIA, WITH FOAM CORED FAN BLADES WITH 10METERS AND 10.97 METERS 60" TO 288" FAN DIA 60 " TO 288" FAN DIA UP TO 11 METER FAN DIA UP TO 11 METER FAN DIA	CT



Project/ परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.			INDICATIVE LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL. स्वालिटी प्लान तथा सब-सप्लायर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली: BOP SYSTEMS (MECHANICAL)			DOC NO./ दस्तावेज सं.: REV. NO.: DATE/ तिथि : 08.06.22 PAGE/ पृष्ठ :			Applicable Systems		
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13	GEAR BOX -COOLING TOWER	I			PAHARPUR COOLING TOWERS LTD	1 A	SAHIBABAD		CT		
					PAHARPUR COOLING TOWERS LTD	A	KOLKATA				
					NEW ALLENBERRY WORKS	A	KOLKATA				
					ELECON ENGINEERING	A	VALLABHI				
					PREMIUM ENERGY TRANSMISSION LTD.	A	VIDYANAGAR				
14	DRIVE SHAFT-CARBON FIBRE -COOLING TOWER	II			M/S EUROFLEX TRANSMISSION (INDIA) PVT LTD	A	FALTA HYDERABAD		CT		
					PAHARPUR COOLING TOWERS LTD	A	SAHIBABAD				
					M/s AMALGAMATED INDUSTRIAL COMPOSITES PVT LTD	A	NASHIK				
					NORTH STREET COOLING TOWERS	A	GHAZIABAD				
					PAHARPUR COOLING TOWERS LTD	A	SAHIBABAD		CT		
15	DRIVE SHAFT SS-COOLING TOWER	II			PAHARPUR COOLING TOWERS LTD	A	KOLKATA				
					PAHARPUR COOLING TOWERS LTD	A	KOLKATA				
					NORTH STREET COOLING TOWER	A	GHAZIABAD				
					KIRLOSKAR BROTHER'S LIMITED	A	KIRLOSKARWADI	BOTH CV & VT TYPE	CW		
	PUMP-CW PUMP				WPIL LTD	A	KOLKATA	BOTH CV & VT TYPE			
		I			FLOWERVE INDIA CONTROLS PVT LTD	A	COIMBATORE	CV TYPE ONLY			
					FLOWMORE LTD	A	GHAZIABAD	VT TYPE ONLY			
					XYLEM WATER SOLUTIONS INDIA PVT LTD	A	VADODARA	VT TYPE ONLY			
					JYOTI LTD	A	VADODARA	VT TYPE ONLY.			
					BOSCH REROTH (INDIA.) PVT LTD	A	SANAND	HYDRAULIC POWER PACK AND HYDRAULIC CYLINDER (320 MM BORE DIA) ,	CW		
17	ELECTRO HYDRAULIC ACTUATOR FOR CW PUMP DISCHARGE BUTTERFLY VALVE	I			HYDAC (INDIA) PVT. LTD	A	COIMBATORE	HYDRAULIC POWER PACK-HYDAC COIMBATORE, HYDRAULIC CYLINDER -HYDAC			
					ISGEC	A	MUZAFAER NAGAR	FINISHED CASTING UP TO 4.0 MT APPROX	CW		
					THE KOLHAPUR STEEL LTD,	A	KOLHAPUR	FINISHED CASTING UP TO 4.0 MT APPROX			
					WESTERN PRECICAST PVT LTD	A	SANGLI	FINISHED CASTING UP TO 3.5 MT APPROX			
					HINDUSTAN UDYOG LIMITED	A	NAGPUR	FINISHED CASTING UP TO 3.0 MT APPROX			
		II			HI-MET CORPORATION	A	SKOREA	FINISHED CASTING UP TO 3.0 MT APPROX			
					MATHER FOUNDARY LTD	A	UK	FINISHED CASTING UP TO 3.6 MT APPROX			
					GORADIA SPECIAL STEELS LTD	A	KHAPOLI		CW		
					BHARAT FORGE	A	PUNE				
					CFFP,BHEL	A	HARIDWAR	UP TO DIAMETER 290MM AND LENGTH APPROX. 3000MM, GRADE SS410			
20	THRUST BEARING FOR CW PUMP	I			MICHEL	A	BANGLORE		CW		





S. No. क्र.सं.		Item / मर्द	QP No./ स्कीम सं.	QP Sub, Schedule स्कीम उप.अनुसूचि	Proposed sub-supplier / प्रस्तावित उप आपूर्तिकर्ता	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी (NOTE- 1)	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी	Applicable Systems	
		Project/ परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:	INDICATIVE LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क़्वालिटी प्लान तथा सब-सप्लायर के अनुमोदन सहित मर्च की सूची SUB-SYSTEM उप-मणली: BOP SYSTEMS (MECHANICAL)							
		DIESEL ENGINE	I			GREAVES COTTON	A	Up to 1750 KVA		
28		3 LPE COATED PIPE	I		SAIL	A			MUW	
					RATNAMANI	A		UP TO 1100 NB		
					PSL LTD	A		UP TO 1100 NB		
29		PLATE HEAT EXCHANGER	I		TRANSTER INDIA	A		HT PLATES & GASKETS FROM TRANTER SWIDEN/USA,HT PLATES FROM HISKA JAPAN	ECW	
					ALPHA LAVAL	A		HT PLATES & GASKETS FROM ALPIA LAVAL SWIDEN		
					IDMC	A		HT PLATES & GASKETS FROM SONDEX DENMARK		
					SONDEX INDIA	A		HT PLATES FROM SONDEX DENMARK/INDIA (MODEL 518B)		
30		D(Ductile Iron) PIPE & FITTINGS	I		JINDAL SAW(J161)	A		UP TO DN 900 CLASS K7 & K9	MUW	
					JAI BALAJI(J156)	A		UP TO DN 900 CLASS K7 & K9		
					ELETRO STEEL	A				
31		AIR COMPRESSOR: OIL FREE CENTRIFUGAL COMPRESSOR	I		NGERSOLL RAND INDIA	A		Capacity Up to 60 NM3 /Minute @ Pr-8 bar	CAS	
					KIRLOSKAR PNEUMATIC COMPANY LTD	A		Capacity up to 45.3 Nm3 /min and pressure rating up to 9.3 kg/cm2		
32		SCREW TYPE AIR COMPRESSORS	I		ATLAS COPCO	A		UPTO MODEL SH 300 (36 NM3 /MIN) , AIR ENDS FROM GHH BAND - GERMANY & OTHER	CAS, CHP, LHP, GHP, MRHS, AHP	
			I		INGERSOL RAND INDIA	A		UPTO 2830 CFM, AIR ENDS FROM HITACHI- JAPAN, ASSEMBLY AND TESTING AT ELGI		
			I		ELGI	A		FLOW CAPACITY 45.3 NM3/MIN, AND PRESSURE RATING 9.3 KG/CM2		
			I		KIRLOSKER PNEUMATIC COMP LTD	A		FOR REFRIGERANT DRIVER, 11893 M3/HR., REGENERATIVE DRIVERS BLOWER		
33		AIR DRYER	I		SUMMITS HYGRONICS	A		Refrigerant type 60 m3/hr & REGENERATIVE DRYERS HOC TYPE 2548 M3/HR	CAS	
					MELCON ENGRS PVT LTD	A		Refrigerant type 7500 m3/hr & REGENERATIVE DRIVERS HOC TYPE 3000		
					DELAIR INDIA LTD	A		100 CFM (169 M3/HR) & 7 KG/CM2		
					SUMESH PETROLEUM	A		Refrigerant type 10000 m3/hr & REGENERATIVE DRIVERS BHR TYPE 1000		
					TRIDENT PNEUMATIC PVT LTD	A		UP TO 350TR		
34		SCREW CHILLER	II		KIRLOSKAR CHILLER	A		UP TO 185 TR	AC& VENTILATION	
					DAIKIN	A		SCREW CHILLER UP TO 282TR		
35		Mettalic Expansion Bellows	II		BLUE STAR (COMPRESSOR FROM HANBEL- TAIWAN)	A				
					MB METTALIC BELLOW'S	A			MRHS	
					SUR Industries	A				
					LONE STAR	A				
36		Conveying Compressor (Reciprocating)	I		KIRLOSKAR PNEUMATICS	A			MRHS	
					INGERSOLL RAND	A				
					AHEMDABAD	A			MRHS	
					PUNE	A				



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37	ALLOY CAST IRON PIPE, FITTINGS AND LINER	I			CRAWLEY & RAY	A			MRHS, AHP		
					ALLIED FOUNDRIES	A					
					PARAMOUNT CASTINGS	A					
					NORTHERN ALLOY	A					
					MENON METALLIK	A					
					KOLHAPUR STEEL	A					
					AQUA ALLOY	A					
					MARTO PEARL	A					
					R.R.L	A					
					CONCAST ENGINEERING	A					
					NATRAJ IRON & CASTINGS	A					
					DHANBAD	A					
					ABHIPRIYA BUSINESS	A					
38	DRY ASH UNLOADING CHUTE	I			MELCO	A			AHP		
					MACAWBER BEEKAY	A					
					MINING AND MATERIAL HANDLING EQUIPMENT	A					
					DCL	A					
					FLAKT	A					
39	BAG FILTER / SILO VENT FILTER	II			ORIENT FANS (ACCO)	A			AHP, MRHS		
					THERMAX	A					
					RIECO	A					
					MELCO	A					
					MCNALLY SAYAJI	A					
					MACAWBER BEEKAY	A					
					TAP ENGINEERING	A					
					SUMMITS HYGRONICS	A					
					TRIDENT	A					
					MELLCON	A					
40	REFRIGERANT TYPE DRYER	I							AHP		



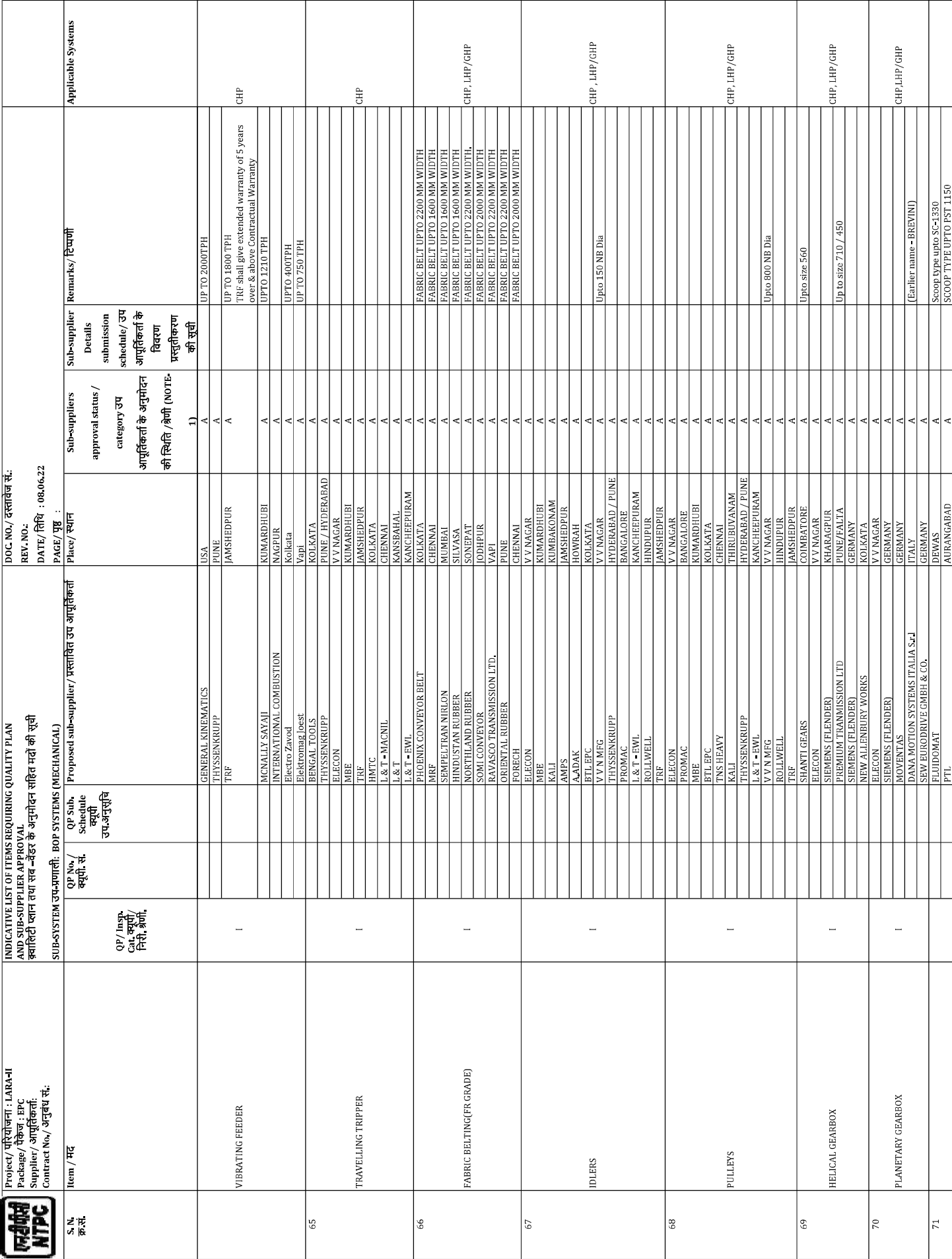
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41	VACUUM PUMP / MECHANICAL EXHAUSTER [WATER SEAL RING TYPE]	I			DELAIR ATLAS COPCO	GURGAON BELGIUM	A A		Upto 7500 m3/hr Upto model FD 1200, ASSEMBLY AND TESTING AT PUNE		
42	BASALT LINE PIPE & FITTING				KAKATI KARSHAK VACUNAIR DECCAN MECHANICAL & CHEMICAL ENVIRO ABRASION TURBO ENGINEERS GOENKA CAST ENGINEERING(I) PVT LTD BMW STEEL	HYDERABAD AHMEDABAD BARAMATI PUNE COIMBATORE DURG ROORKEE	A A A A A A A			AHP	
43	SLURRY DUTY KNIFE GATE VALVE				BRAY CONTROLS INDIA PVT LTD, VAAS KNIFE GATE VALVE DIVISION FOURESS ENGINEERING ORBINOX WEIR MINERALS	CHENNAI BANGALORE COIMBATORE BANGALORE	A A A A		UPTO PN 10 RATING UPTO PN 10 RATING UPTO PN 16 RATING UPTO 12" PN 10 RATING	AHP	
44	FLY ASH DUTY KNIFE GATE VALVE	I			BRAY CONTROLS INDIA PVT LTD, VAAS KNIFE GATE VALVE DIVISION FOURESS ENGINEERING ORBINOX JASH SCHUTTE	CHENNAI BANGALORE COIMBATORE INDORE	A A A A A				AHP
45	CAST IRON PIPE	II			ELECTROSTEEL KESORAM IISCO KAPILANSH DHATU UDYOG KUSHIA LAVA	CHENNAI KOLKATA KULTI NAGPUR VIJAYWADA	A A A A A		UPTO 450 NB UPTO 350 NB APPROVED UPTO 300 NB. FOR NON STD. SIZE		AHP
46	ASH SLURRY PUMP	I			SAM INDUSTRIAL PUMPS WEIR MINERALS	COIMBATORE AUSTRALIA	A A		MANUFACTURING AT WEIR MINERALS BANGALORE		AHP
47	AIR LOCK FEEDER VESSEL / BOTTOM ASH OVERFLOW TANK/MIXING TANK/COARSE ASH TANK/ AIR OIL CONVERTOR TANK, AIR INTAKE VALVE	II			MELCO MCNALLY SAYAJI MACAWBER BEEKAY	FARIDABAD ASANSOL/KUMARDH UBI KESHWANA	A A A		AIR OIL TANK-ASANSOL, AIR INTAKE VALVE-KUMARDUBHII		AHP
48	BOTTOM ASH HOPPER / BUFFER HOPPER/DUST COLLECTOR	I			MCNALLY SAYAJI MELCO MACAWBER BEEKAY	ASANSOL/KUMARDH UBI FARIDABAD KESHWANA	A A A		ONLY FOR BUFFER HOPPER AND DUST COLLECTOR		AHP
49	CLINKER GRINDER	I			MELCO MCNALLY SAYAJI L&T	FARIDABAD KESHWANA FARIDABAD ASANSOL/KUMARDH UBI KANSEHAHAL	A A A A A				AHP



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50	FLY ASH HOPPERVALVE/ASH INTAKE VALVE/FLY ASH DIFFUSER / DRIVE ARRANGEMENT FOR CLINKER GRINDER	II		MACAWBER BEEKAY	A	KESHWANA				
				MELCO	A	FARIDABAD				
				MCNALLY SAYAJI	A	ASANSOL/KUMARDH UBI				AHP
				L&T	A	KANSBAHAL				
51	FLUIDIZING PAD / FLUSHING APPARATUS	I		MACAWBER BEEKAY	A	KESHWANA				
				MELCO	A	FARIDABAD				
				MCNALLY SAYAJI	A	ASANSOL/KUMARDH UBI				AHP
				L&T	A	KANSBAHAL				
52	FLY ASH STORAGE SILO/HCSO SILO	I		MACAWBER BEEKAY	A	KESHWANA				
				MCNALLY SAYAJI	A	ASANSOL/KUMARDH UBI				AHP
				MACAWBER BEEKAY	A	KESHWANA				
				MELCO	A	FARIDABAD				AHP
53	FEED SUMP / VACUUM BREAKER	I		MCNALLY SAYAJI	A	ASANSOL/KUMARDH UBI				
				MACAWBER BEEKAY	A	KESHWANA				
				MELCO	A	FARIDABAD				
				MACAWBER BEEKAY	A	KESHWANA				
54	FLY ASH HEADER VALVE / BRANCH HEADER VALVE / AIR INTAKE VALVE /EQUALISING VALVE /PLUG GATE FOR SUMP ISOLATION	I		MELCO	A	FARIDABAD				
				MCNALLY SAYAJI	A	KUMARDHUBI				AHP
				L&T	A	KANSBAHAL				
				MACAWBER BEEKAY	A	KESHWANA				
55	HYDROMIX DUST CONDITIONER/ROTARY FEEDER	I		MELCO	A	FARIDABAD				
				MCNALLY SAYAJI	A	ASANSOL/KUMARDH UBI				
				MACAWBER BEEKAY	A	KESHWANA				AHP
				L&T	A	KANSBAHAL				
56	JET PUMP / JETTING NOZZLE	I		EXPONENTIAL ENGINEERING	A	PUNE				
				MELCO	A	FARIDABAD			JET PUMP / JETTING NOZZLE	
				MCNALLY SAYAJI	A	ASANSOL/KUMARDH UBI			JET PUMP / JETTING NOZZLE	AHP
				L&T	A	KANSBAHAL			JET PUMP	
57	COLLECTOR TANK / AIR WASHER / WETTING HEAD / SURGE / SETTLING TANK	I		MACAWBER BEEKAY	A	KESHWANA				
				MELCO	A	FARIDABAD			JET PUMP / JETTING NOZZLE	
				MCNALLY SAYAJI	A	ASANSOL/KUMARDH UBI				AHP
				MACAWBER BEEKAY	A	KESHWANA				
58	PLATE VALVE AT DYKE END	I		MELCO	A	FARIDABAD				
				MCNALLY SAYAJI	A	ASANSOL/KUMARDH UBI				AHP
				MACAWBER BEEKAY	A	KESHWANA				
				MACAWBER BEEKAY	A	KESHWANA				



लक्ष्मी NTPC		Project / परियोजना : LARA-II Package/ पैकेज : EPC Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:	INDICATIVE LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL स्वाश्लिटी प्लान तथा सब –सप्लायर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली: BOP SYSTEMS (MECHANICAL)	DOC No./ दस्तावेज सं.: REV. NO.: DATE/ तिथि : 08.06.22 PAGE/ पृष्ठ :	Applicable Systems		
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59	DESSICANT TYPE AIR DRYER	I		DELAIR	GURGAON	A	
				INDCON	DELHI	A	
				MELCON	GREATER NOIDA	A	AHP
				SUMMITS HYGRONICS	COIMBATORE	A	
				TRIDENT	COIMBATORE	A	
60	STACKER RECLAIMER & RECLAIMER	I		MCNALLY	KUMARDHUBI / ASAN	A	
				L&T	KANCHEEPURAM	A	
				THYSSENKRUPP	PUNE	A	
				ELECON	V V NAGAR	A	CHP
				TRF	JAMSHEDPUR	A	
61	WAGON TIPPLER & SIDE ARM CHARGER	I		SANDVIK	PUNE	A	
				PROMAC	BANGALORE	A	
				THYSSENKRUPP	HYDERABAD	A	* Hyderabad works approved for some of assemblies for Stacker Reclaimer - Counter
				ELECON	V V NAGAR	A	
				FAMAK S.A. (IN ASSOCIATION WITH MBE-ASANSOL)	POLAND	A	
62	APRON FEEDER WITH DRIBBLE CONVEYOR (1600 TPH)	I		L & T	KANSAHAL	A	CHP
				THYSSENKRUPP	PUNE	A	
				TRF	JAMSHEDPUR	A	
				PROMAC	BANGALORE	A	
				THYSSENKRUPP	HYDERABAD	A	UPTO 2400 TPH
63	RING GRANULATOR	I		L&T	KANSAHL	A	UPTO 2200 TPH
				ELECON	VV NAGAR	A	UPTO 2200 TPH
				TRF	JAMSHEDPUR	A	UPTO 2400 TPH Extended Warranty of 3 years over & above of contractual warranty on parts other than the parts treated as consumables
				MCNALLY SAYAJI	KUMARDHUBI	A	UPTO 2200 TPH
				PENNSYLVANIA CRUSHER CORPORATION	USA	A	UP TO 1760 TPH
64A	VIBRATING SCREEN FEEDER	I		AMERICAN PULVERISER	USA	A	UPTO 1875 TPH
				THYSSENKRUPP	PUNE	A	UP TO 2035 TPH
				TRF	JAMSHEDPUR	A	UP TO 1800 TPH TRF shall give extended warranty of 5 years over & above Contractual Warranty
				L&T	KANSAHAL	A	UP TO 1600 TPH
				ELECON	V V NAGAR	A	UP TO 1320 TPH
64B	VIBRATING SCREEN FEEDER	I		MCNALLY SAYAJI	KUMARDHUBI	A	UPTO 1000 TPH
				TECHNO VIBRAZIONI	ITALY	A	UPTO 1875 TPH
				ELECON	V V NAGAR	A	UP TO 1320 TPH
				GENERAL KINEMATICS	USA	A	UP TO 2000TPH
				THYSSENKRUPP	PUNE	A	UP TO 2035 TPH
64B	VIBRATING SCREEN FEEDER	I		TRF	JAMSHEDPUR	A	UP TO 1800 TPH TRF shall give extended warranty of 5 years over & above Contractual Warranty
				MCNALLY SAYAJI	KUMARDHUBI	A	UPTO 1210 TPH
				TECHNO VIBRAZIONI	ITALY	A	UPTO 1875 TPH
				ELECON	V V NAGAR	A	UP TO 1320 TPH
				MCNALLY SAYAJI	KUMARDHUBI	A	UPTO 1800 TPH





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S. N. क्र.सं.	Item / मद	QP/ Insp. Cat. क्यूपी/ निरी. श्रेणी.	QP No./ क्यूपी सं.	QP Sub. Schedule उप,अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Sub-suppliers approval status / category उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी (NOTE- 1)	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतीकरण की सूची	Remarks/ टिप्पणी
A – For these items proposed vendor is acceptable to NTPC. To be indicated with letter "A" in the list along with the condition of approval. If any, इन मदों के लिए प्रस्तावित वेंडर एनटीपीसी को स्वीकार्य है। अनुमोदन की शर्त., यदि कोई हो, के साथ-साथ पत्र 'क' में इंगित किया जाए।								
DR – For these items "Detailed required" for NTPC review. To be identified with letter "DR" in the list. एनटीपीसी द्वारा इन मदों की समीक्षा के लिए विस्तृत ब्यौरे की आवश्यकता होगी। सूची में "DR" पत्र में इंगित किया जाना चाहिए।								
QP / INSPECTION CATEGORY:								
CAT-I/ श्रेणी-I For these items the Quality Plans are approved by NTPC and the final acceptance will be on physical inspection witness by NTPC. इन मदों के लिए गुणवत्ता योजनाओं को एनटीपीसी द्वारा अनुमोदित किया जाता है और एनटीपीसी द्वारा अंतिम स्वीकृति भौतिक निरीक्षण के दौरान उपलब्ध गवाह								
CAT-II/ श्रेणी-II: For these items the Quality Plans approved by NTPC. However no physical inspection shall be done by NTPC. The final acceptance by NTPC shall be on the basis review of documents as per approved QP. इन मदों के लिए गुणवत्ता योजनाओं को एनटीपीसी द्वारा अनुमोदित किया								
CAT-III/ श्रेणी-III: For these items Quality control to be exercised as per Main contractor Quality Assurance System. The final acceptance by NTPC shall be on the basis of Certificate of Conformance (COC) by Main Contractor.								
UNITS/WORKS इकाईयां / कार्य: Place of manufacturing/ निर्माण का स्थान Place of multi units/वर्क/बिल्ड-इकाईयां / कार्य के मुख्य सप्लायर का स्थान.								
FORMAT NO./ प्रारूप सं. QS-01-QA-I-B/F1-R0								
Engg. Div. / QA&I								

 Project/परियोजना: Line II (23000KV) Package/ पैकेज: EPC PACKAGE Supplier/अपूर्तिकर्ता: Contract No./ अनुबंध सं.:				LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL स्वीकृति खान तथा सब-सप्लर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली: ELECTRICAL				Doc. No./ दस्तावेज सं.: REVISION NO.: 00 DATE/ तिथि : 08/06/2022	
S. N. क्र.सं.	Item/ मद	QP/ Insp. Cst. स्वी./ निरी. क्रो.	QP No./ स्वी. सं.	QP Sub. Schedule स्वी. उप अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप अपूर्तिकर्ता	Place/स्थान	Sub- supplier approval status / उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub- supplier Details category उप आपूर्तिक ता के विवरण प्रस्तुति रण की सूची	Remarks/ टिप्पणी
1	GENERATOR	CATI			BHEL	Hardwar	A		
					Siemens	Germany	A		
					GE	Sanand	A		
					GE	POLAND	A		
					MELCO	JAPAN	A		
					LMTG	Hazira	A		
					Hitachi	Japan	A		
					Toshiba	Japan	A		
					TJPS	Chennai	A		
2	IPBD	CATI			BHEL	Rudrapur	A		
					CKS ELECTRIC	Hardwar	A		
3	Power Transformers (400 KV)	CATI			ABB	Sweden	A		Up to 765 KV Class
					ABB	Vadodara	A		Up to 765 KV Class
					Toshiba	Japan	A		Up to 765 KV Class
					CG Power & Industrial Solutions Ltd	Mandideep	A		Up to 765 KV class
					BHEL	Bhopal	A		Up to 400 KV Class
					Siemens	Mumbai	A		Up to 400 KV Class
					GE T&D India Limited	Nam	A		Up to 400 KV Class
					TELK	Angamally	A		Up to 400 KV Class
4	Shunt Reactor (400 KV)	CATI			ABB	Sweden	A		Up to 765 KV Class
					ABB	Vadodara	A		Up to 765 KV Class
					Toshiba	Japan	A		Up to 765 KV Class
					CG Power & Industrial Solutions Ltd	Mandideep	A		Up to 765 KV class
					BHEL	Bhopal	A		Up to 400 KV Class
					Siemens	Mumbai	A		Up to 400 KV Class
					GE T&D India Limited	Nam	A		Up to 400 KV Class

Project/परियोजना : Lax II (2X800MW) Package/ पैकेज : EPC PACKAGE Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं.:			LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL स्वातिदीयान तथा सब-सुप्लायर के अनुमति सहित मदी की सूची SUB-SYSTEM उप-प्रणाली: ELECTRICAL					Doc. No./ दस्तावेज सं.: REVISION NO : 00 DATE/ तिथि : 08/06/2022	
S. N. क्र. सं.	Item/ मद	QI/ Insp. Cat. कक्षा/ निरी. श्रेणी.	QP No./ कक्षा. सं.	QP Sub. Schedule उप.अनुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/स्थान	Sub-suppliers approval status/ category उप आपूर्तिकर्ता के अनुमति की स्थिति /श्रेणी	Sub-supplier Details sub sch/ category उप आपूर्तिकर्ता के विवरण प्रस्तुतीक रण की सूची	Remarks/ टिप्पणी
5	Auxiliary Oil Filled Transformers	CAT I			BHEL Indutech Transformers Kanohar Kirloskar Electric Company Limited Schneider Transformers & Rectifiers Ltd. Vollamp	Jhansi Chennai Mervatt Mysore Vadodara Ahmedabad Svelli	A A A A A A A	Up to 220 KV Class Up to 16 MVA, 11 KV Class Up to 16 MVA, 33 KV Class Up to 16 MVA, 33 KV Class Up to 50MVA, 132 KV Class Up to 90 MVA, 132 KV Class Up to 3.5 MVA, 33 KV Class	
6	LT Switchgear -Floor mounted Draw out type Indoor switchgear Panel (MCC etc.)	CAT I			Schneider (formerly L&T) C&S Electric S.Indsider Siemens Schneider	Mumbai / Coimbatore/ Ahmednagar Noida / Haridwar Nasik Kalya Vadodara	A A A A A		
7	LT Switchgear - Floor mounted Fixed type Indoor LT Switchgear Panel (ACDB/ DCDB)	CAT I			S.Indsider (formerly L&T) C&S Electric S.Indsider Siemens Schneider	Mumbai / Coimbatore/Ahmednagar Noida/ Haridwar Nasik Kalya Vadodara	A A A A A		ACB from Schneider, France Conditions apply
8	11KV/33KV Switchgear- (MV Switchgear Panel)	CAT I			BHEL Megawin Schneider Electric India (formerly L&T) Siemens ABB Schneider (Salt lake works)	Bhopal Salem Ahmednagar Mumbai Nasik Kolkata	A A A A A A	Up to 33KV Up to 33KV Up to 33KV Up to 33KV Up to 11KV	

एन.टी.पी.सी NTPC			Project/परियोजना: Lax II (2X800MW)			Doc. No./दस्तावेज नं.:			LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL			REVISION NO: 00			DATE/ तिथि : 08.06.2022		
Supplier/आपूर्तिकर्ता:			Package/पैकेज: EPC PACKAGE			Contract No./ अनुबंध नं.:			तथा सब-सप्लायर के अनुमोदन सहित मशीन की सूची			SUB-SYSTEM उप-प्रणाली: ELECTRICAL					

		Project/ प्रसिद्धता : Lata II (2X800MW) Package/ पैकेज : EPC PACKAGE Supplier/ आपूर्तिकर्ता: Contract No./ अनुबंध सं:				LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब-सप्लायर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली: ELECTRICAL				Doc. No./ दस्तावेज सं: REVISION NO : 00 DATE/ तिथि : 08.06.2022
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